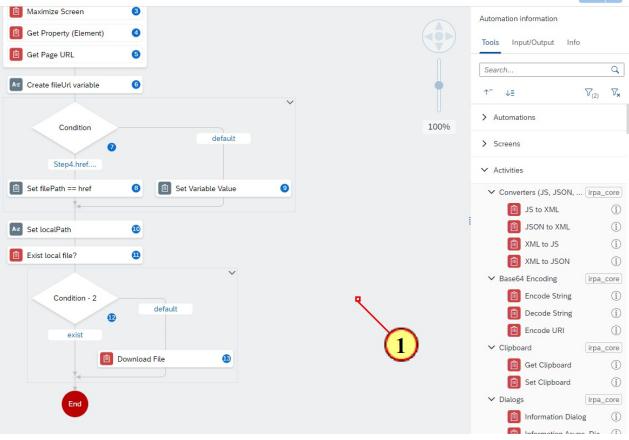
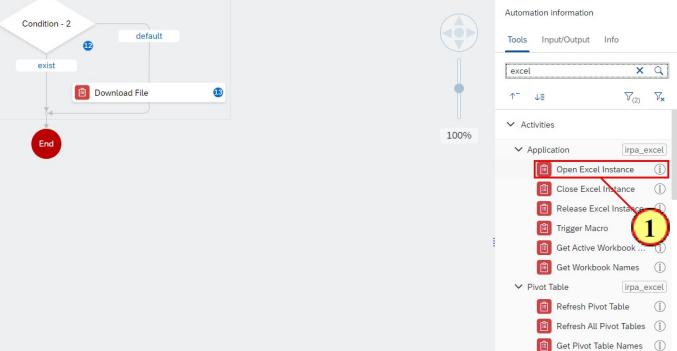
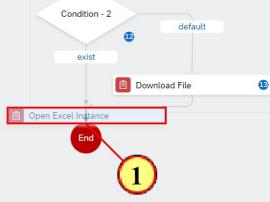
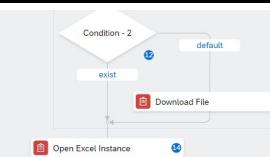
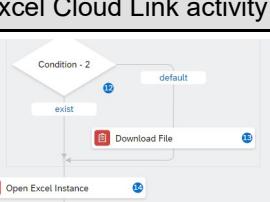
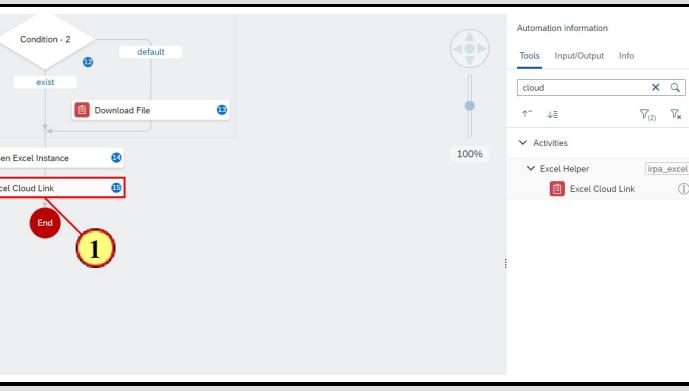
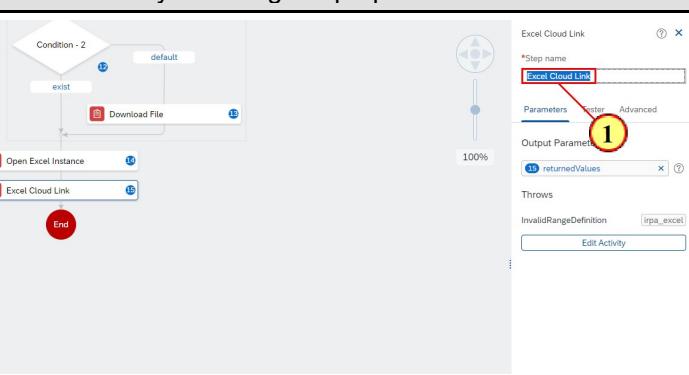
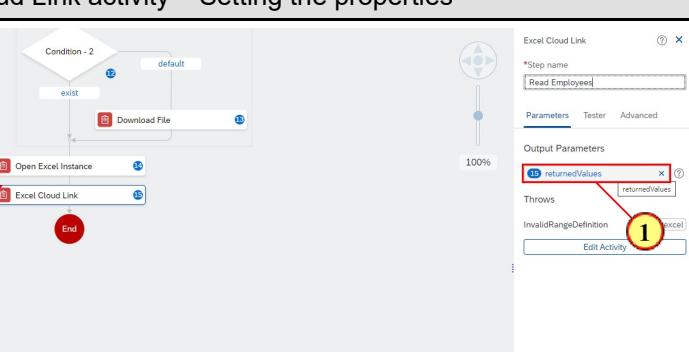
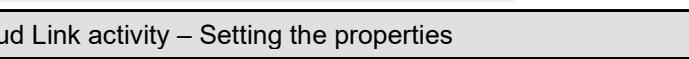
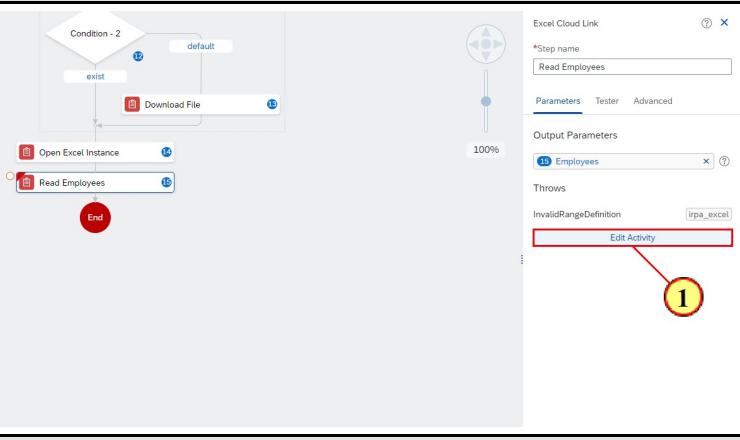
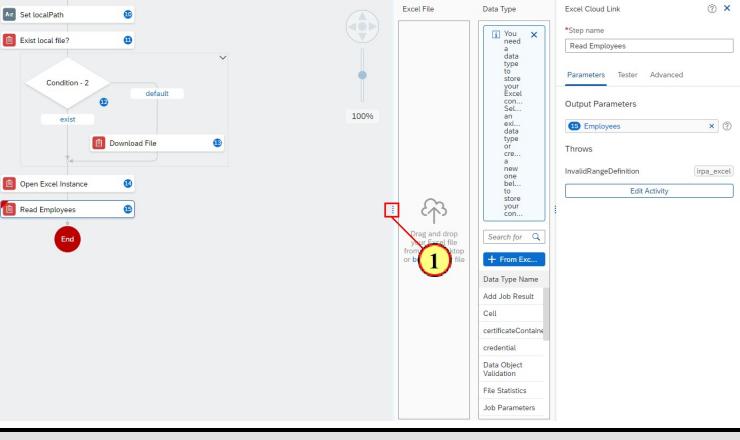
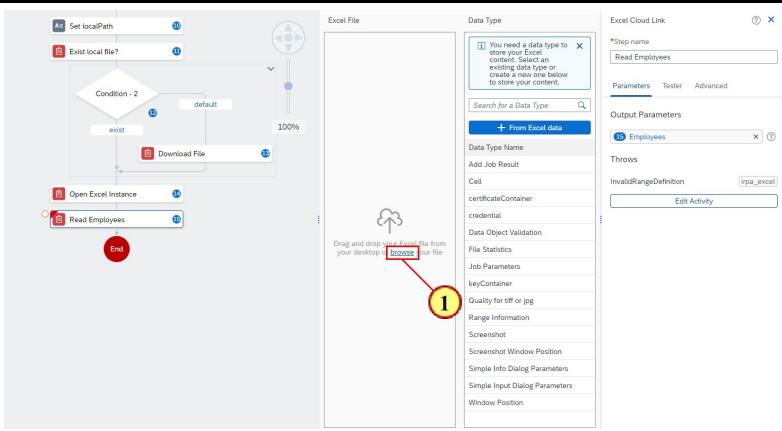
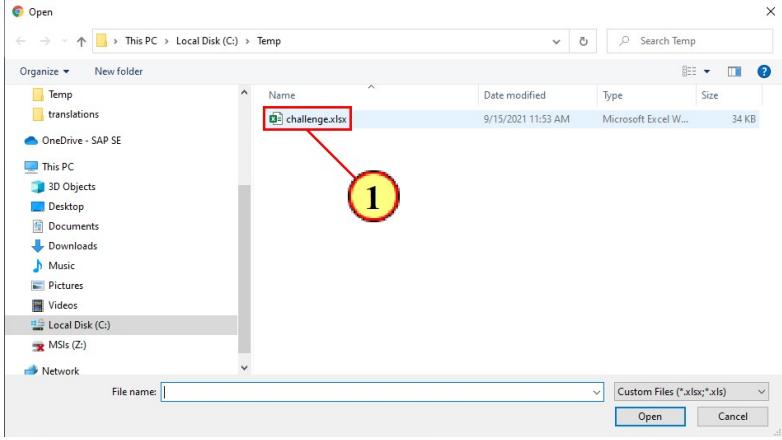
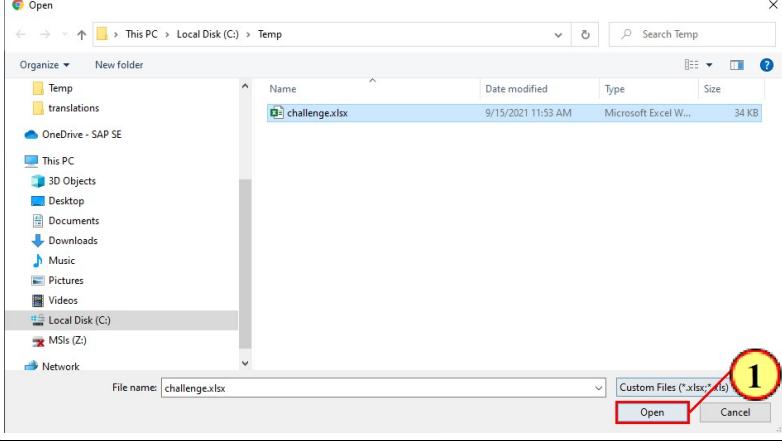
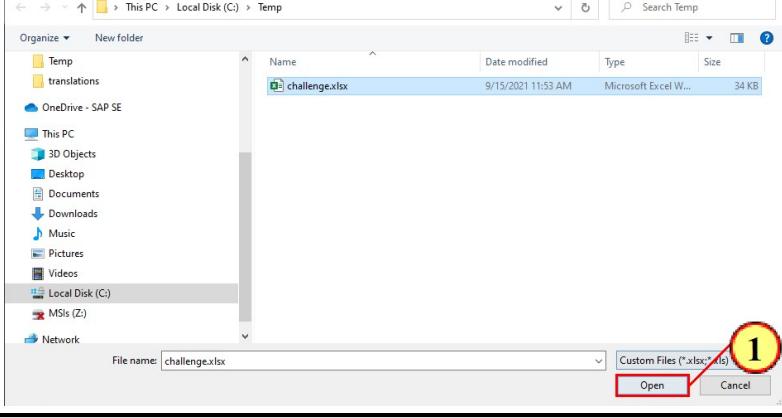


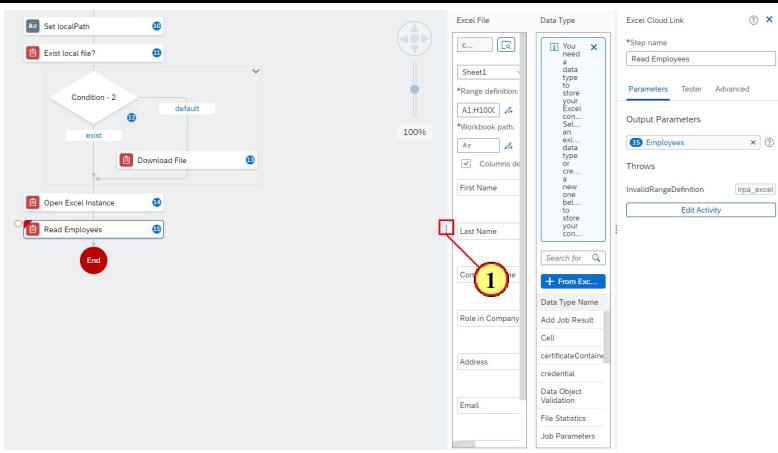
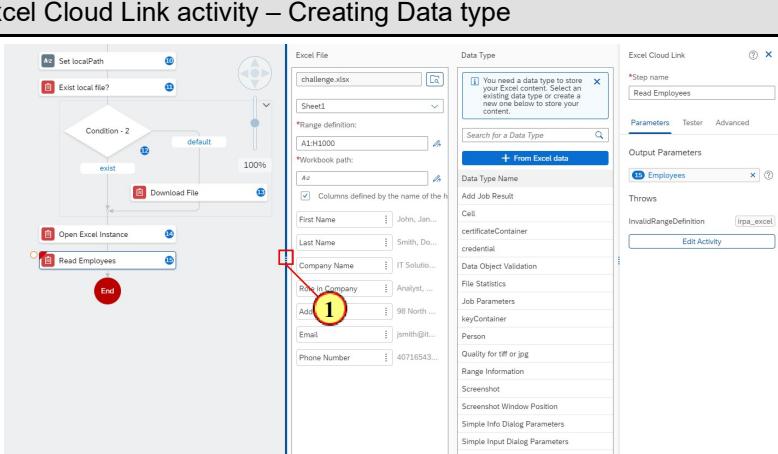
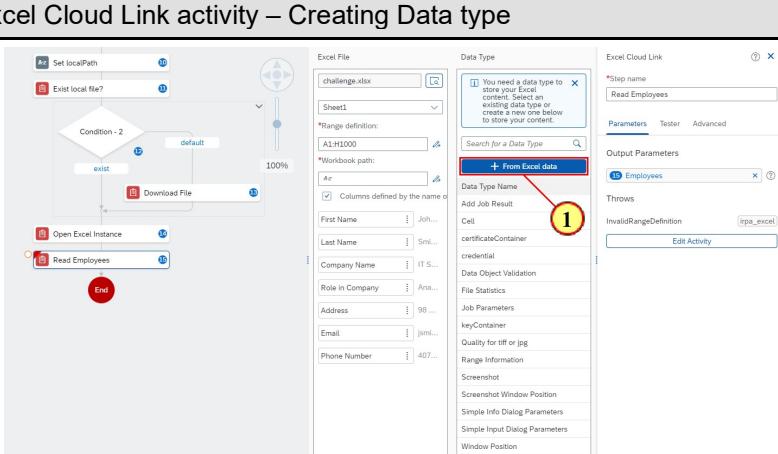
Explanation	Screenshot
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Scroll down to make space below the workflow	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Search for Open Excel Instance activity	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	

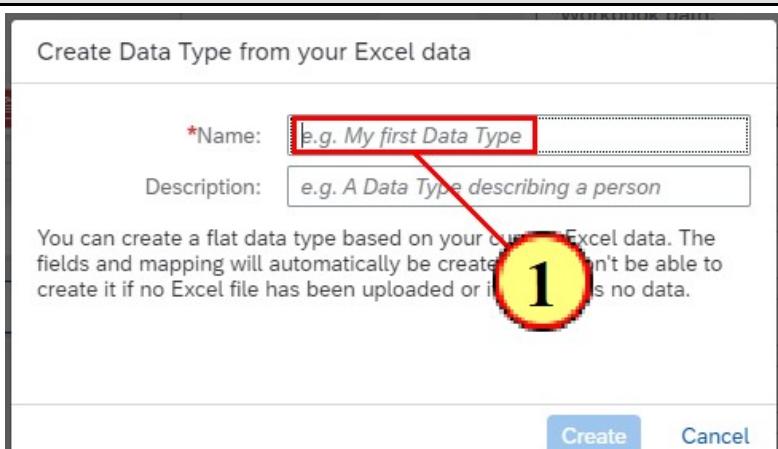
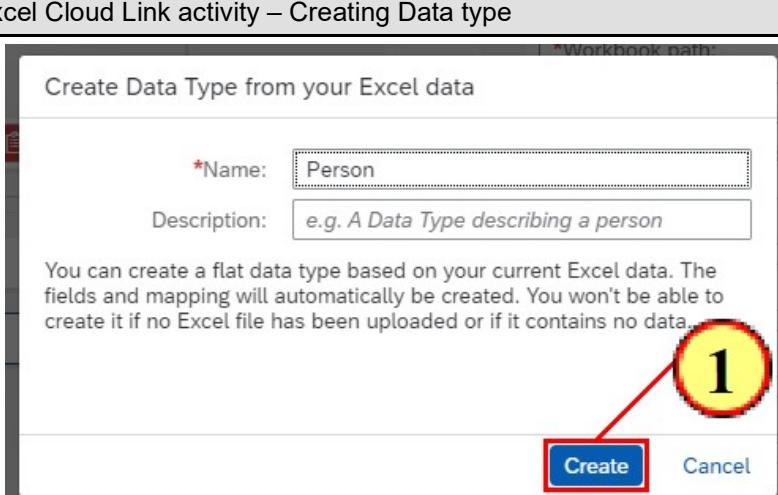
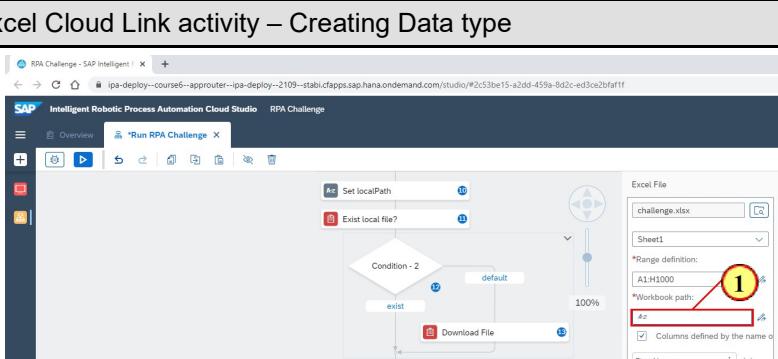
Explanation	Screenshot
(1) Drop it into the workflow after the Condition activity	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>
(1) Clear the search field	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>
(1) Search for the Excel Cloud Link activity  This activity is used to map an Excel range to a data type	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>
(1) Drag the Activity	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>

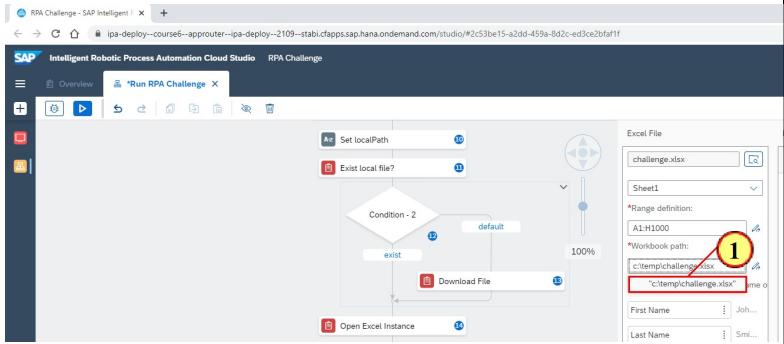
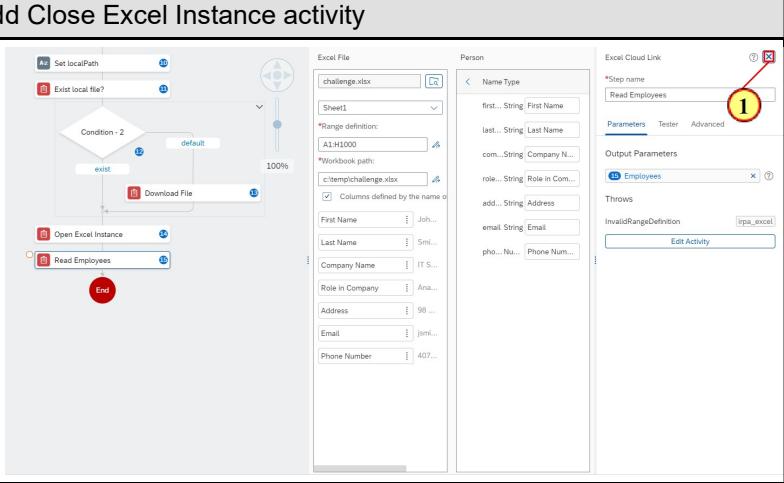
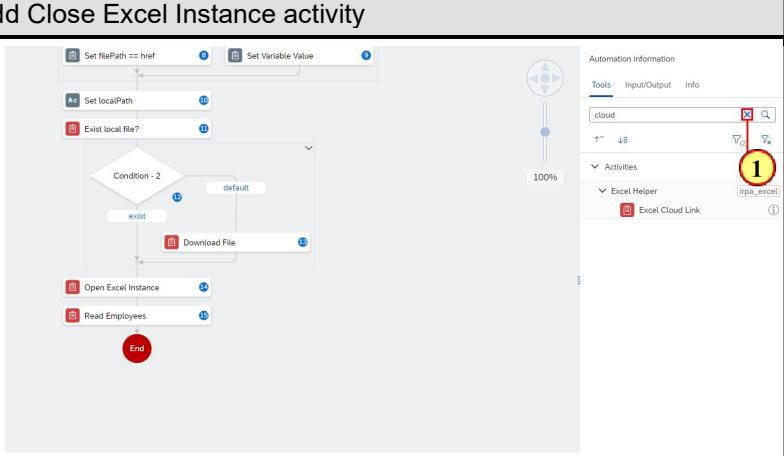
Explanation	Screenshot
(1) Drop it into the workflow after the Open Excel Instance activity	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on the Step name and rename it to Read Employees	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	

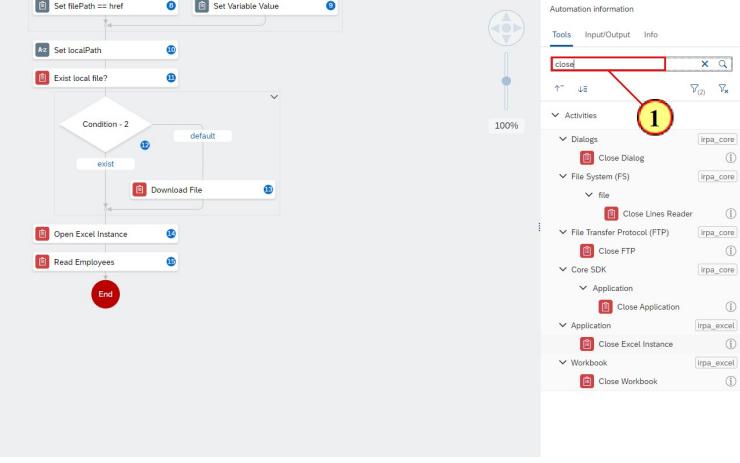
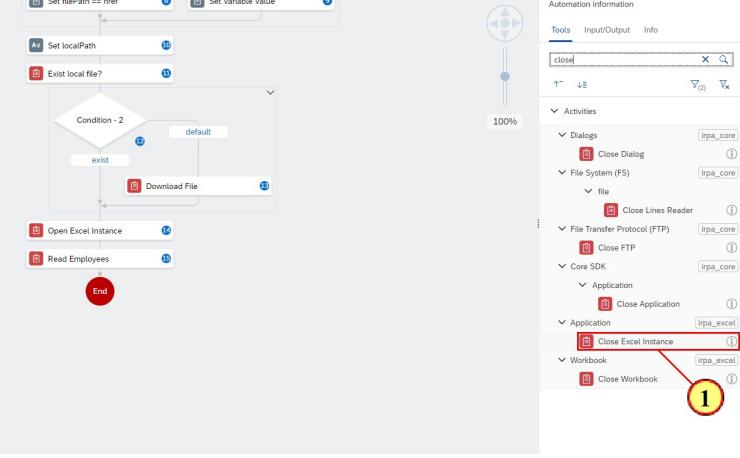
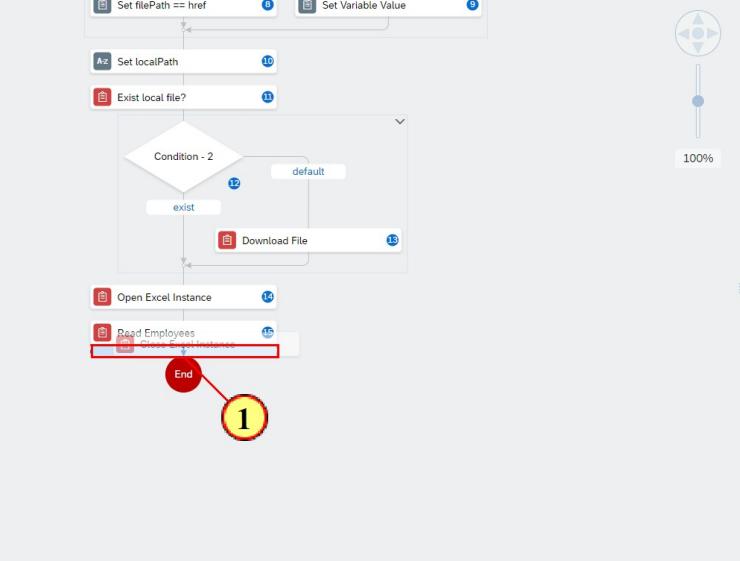
Explanation	Screenshot
(1) Rename it to Employees	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on Edit Activity	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Resize the Panel if needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	

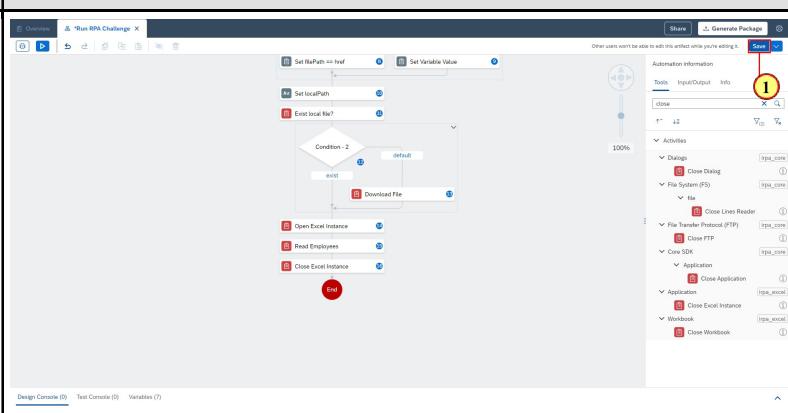
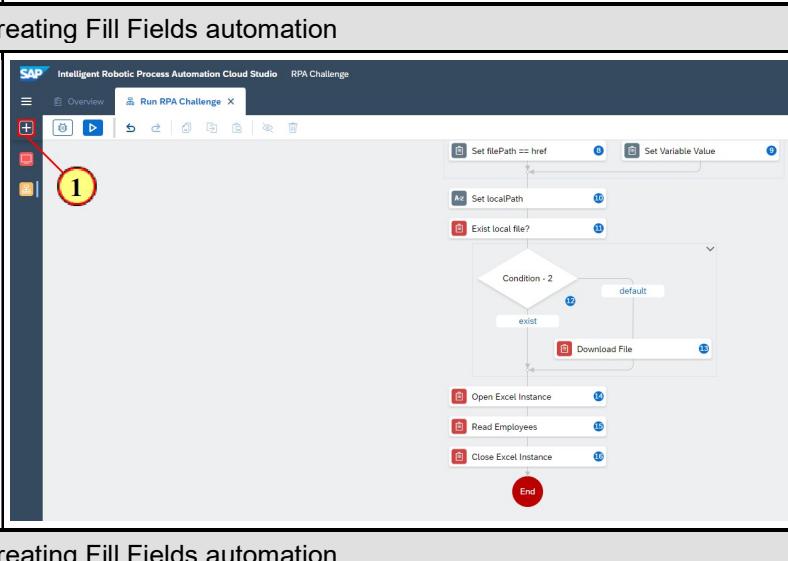
Explanation	Screenshot
(1) Click on browse	
Selecting the Excel file	
(1) Select Challenge.xlsx	
Selecting the Excel file	
(1) Click on Open	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

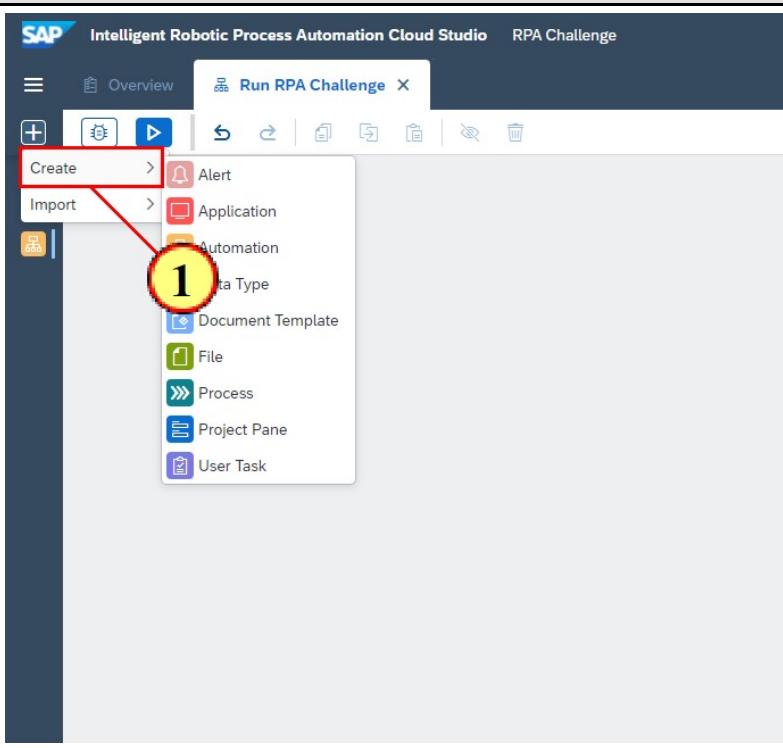
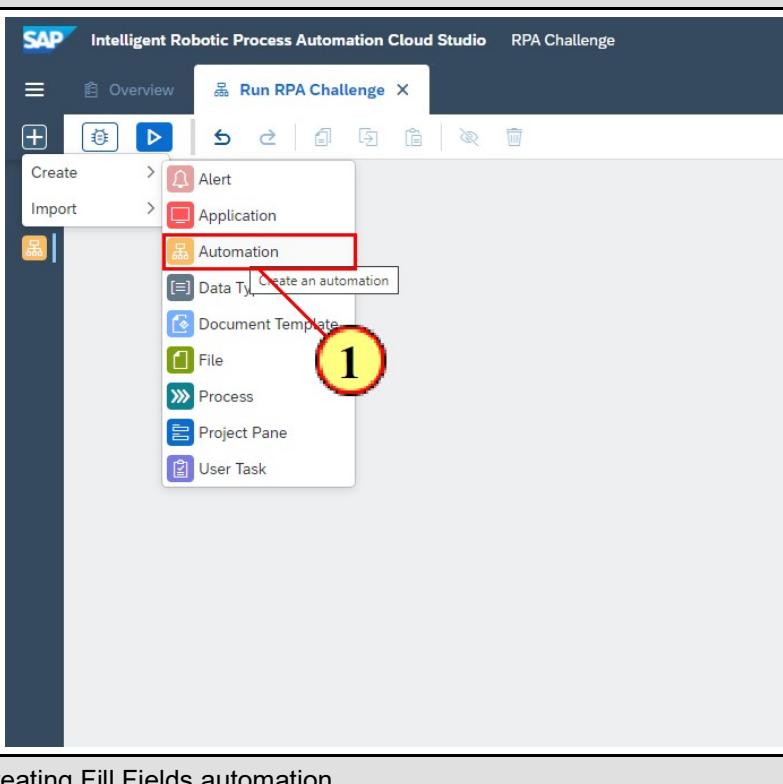
Explanation	Screenshot
(1) Drag the panel to the left to make more visibility if needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	
(1) Drop where needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

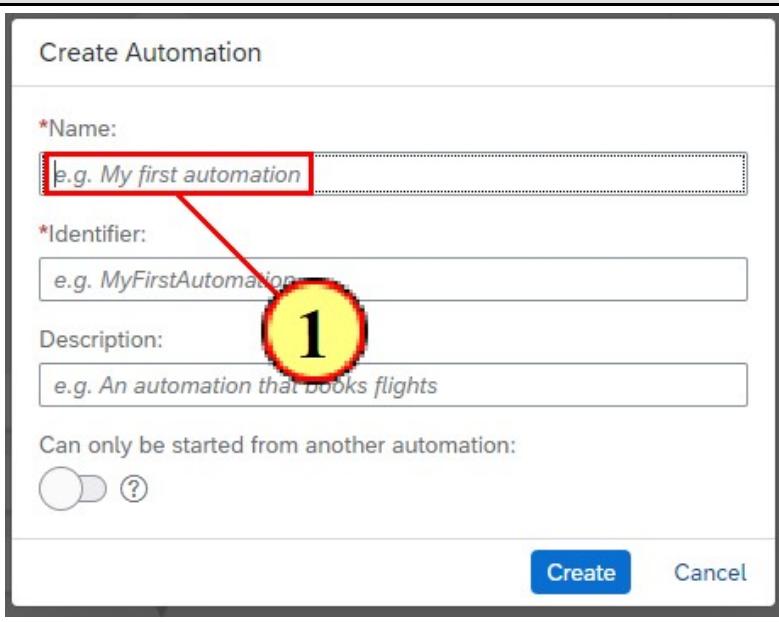
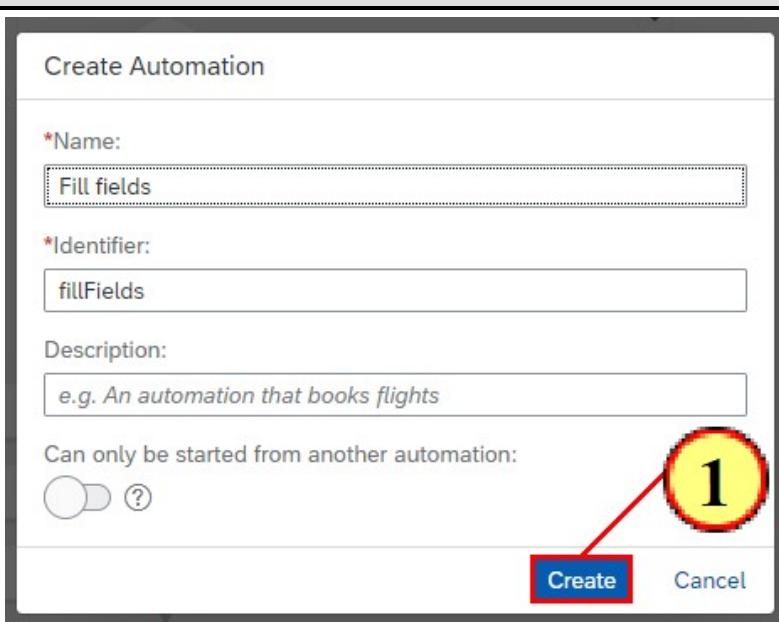
Explanation	Screenshot
(1) Set name to Person	 <p>Create Data Type from your Excel data</p> <p>*Name: e.g. My first Data Type</p> <p>Description: e.g. A Data Type describing a person</p> <p>You can create a flat data type based on your current Excel data. The fields and mapping will automatically be created. You won't be able to create it if no Excel file has been uploaded or if it contains no data.</p> <p>Create Cancel</p>
(1) Click on Create	 <p>Create Data Type from your Excel data</p> <p>*Name: Person</p> <p>Description: e.g. A Data Type describing a person</p> <p>You can create a flat data type based on your current Excel data. The fields and mapping will automatically be created. You won't be able to create it if no Excel file has been uploaded or if it contains no data.</p> <p>Create Cancel</p>
(1) Set the Workbook path to c:\temp\challenge.xlsx	 <p>RPA Challenge - SAP Intelligent ...</p> <p>SAP Intelligent Robotic Process Automation Cloud Studio RPA Challenge</p> <p>Overview *Run RPA Challenge</p> <p>Set localPath Exist local file?</p> <p>Condition - 2 exist default</p> <p>Download File</p> <p>Excel File challenge.xlsx Sheet1 Range definition: A1:H1000 Workbook path: <file> Columns defined by the name of: First Name</p>
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

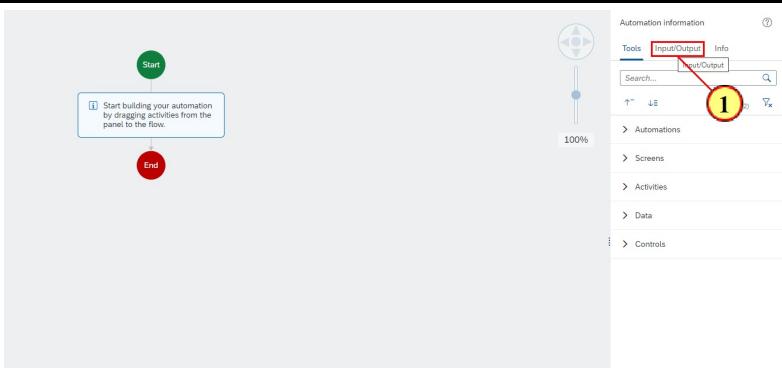
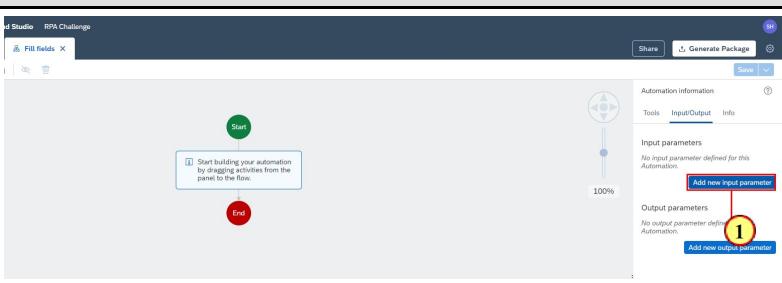
Explanation	Screenshot
(1) Click on the string between quotes	
(1) Close the properties panel	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	

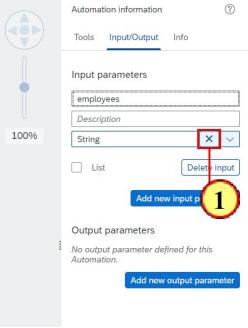
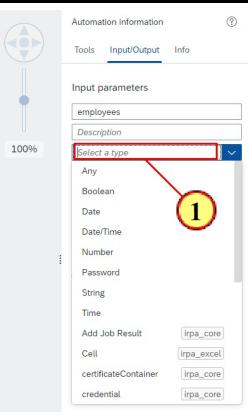
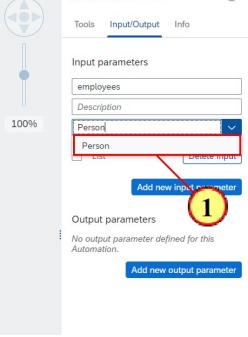
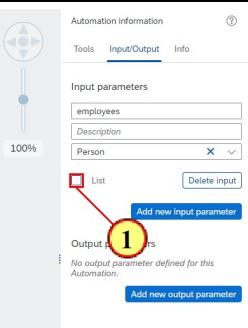
Explanation	Screenshot
<p>(1) Search for Close Excel Instance</p>	
<p>RPA Challenge – Cloud Studio – Add Close Excel Instance activity</p> <p>(1) Drag the Activity</p>	
<p>RPA Challenge – Cloud Studio – Add Close Excel Instance activity</p> <p>(1) Drop it into the workflow after the Read Employees activity</p>	
<p>RPA Challenge – Cloud Studio – Saving automation</p>	

Explanation	Screenshot
(1) Click on Save	
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
<p> At this stage, we need to create a new automation called Fill fields that we will use as a sub-automation inside the Run RPA Challenge automation.</p> <p>Let's do that!</p>	
<p data-bbox="144 1536 536 1612">(1) In SAP Intelligent RPA Cloud Studio, click on the icon </p>	
	
RPA Challenge – Cloud Studio – Creating Fill Fields automation	

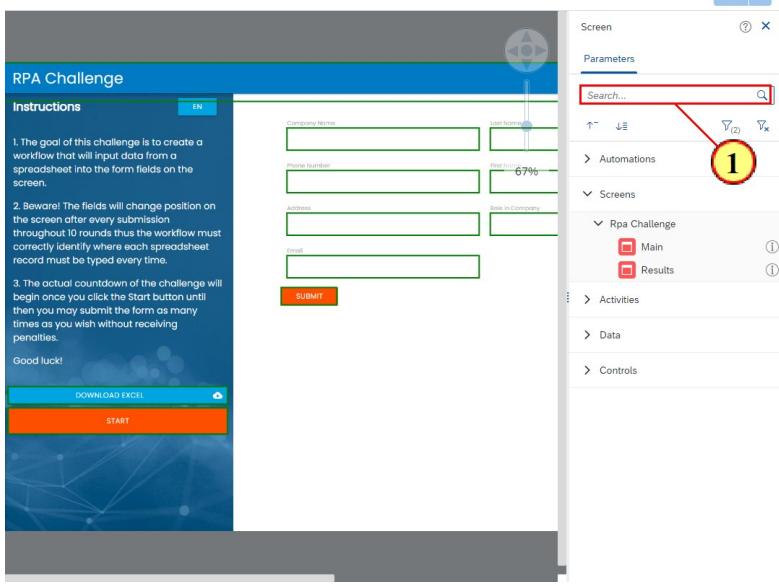
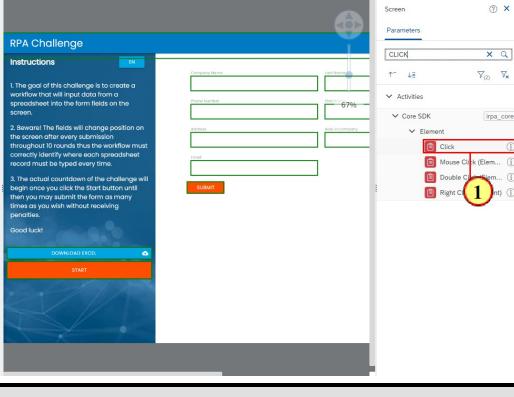
Explanation	Screenshot
(1) Then click the Create button on the left-hand side panel. A dropdown menu opens.	 A screenshot of the SAP Intelligent Robotic Process Automation Cloud Studio interface. The top navigation bar shows 'SAP Intelligent Robotic Process Automation Cloud Studio' and 'RPA Challenge'. Below the navigation bar is a toolbar with various icons. On the far left, there is a vertical sidebar with a '+' icon, a 'Create' button (which has a red box around it), and an 'Import' button. A dropdown menu is open from the 'Create' button, listing several options: Alert, Application, Automation (which is highlighted with a yellow circle labeled '1'), Data Type, Document Template, File, Process, Project Pane, and User Task.
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) Select Automation	 A screenshot of the SAP Intelligent Robotic Process Automation Cloud Studio interface, similar to the previous one but with a different focus. The 'Automation' option in the Create dropdown menu is now highlighted with a red box. A yellow circle labeled '1' points to this highlighted item. The rest of the menu options are visible below it.

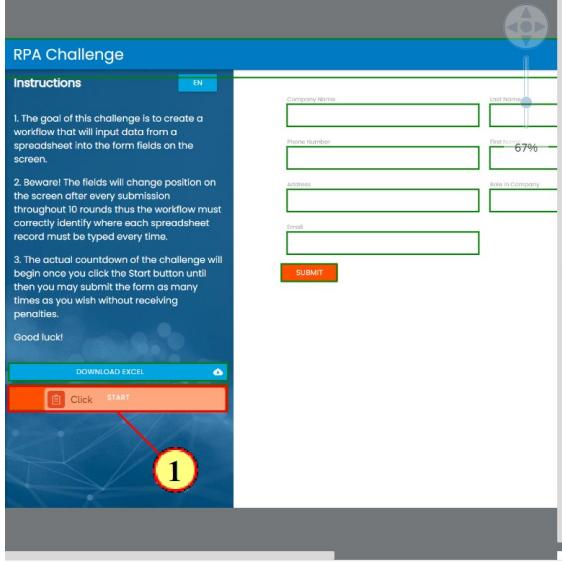
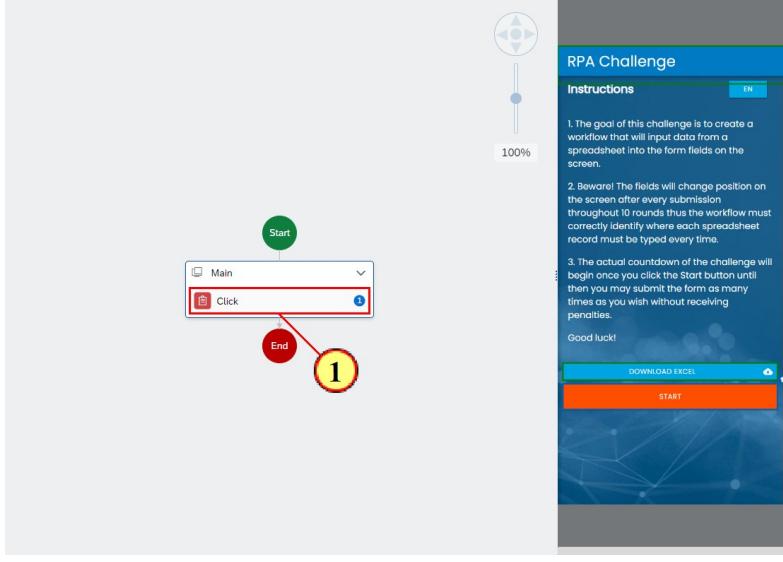
Explanation	Screenshot
(1) Set the Name to Fill fields	 <p>Create Automation</p> <p>*Name: e.g. My first automation</p> <p>*Identifier: e.g. MyFirstAutomation</p> <p>Description: e.g. An automation that books flights</p> <p>Can only be started from another automation:</p> <p>?</p> <p>Create Cancel</p>
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) Click on Create	 <p>Create Automation</p> <p>*Name: Fill fields</p> <p>*Identifier: fillFields</p> <p>Description: e.g. An automation that books flights</p> <p>Can only be started from another automation:</p> <p>?</p> <p>Create Cancel</p>
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	

Explanation	Screenshot
(1) Click on Input/Output	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click on Add new input parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click on the Name parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Set the Name of the parameter to employees	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	

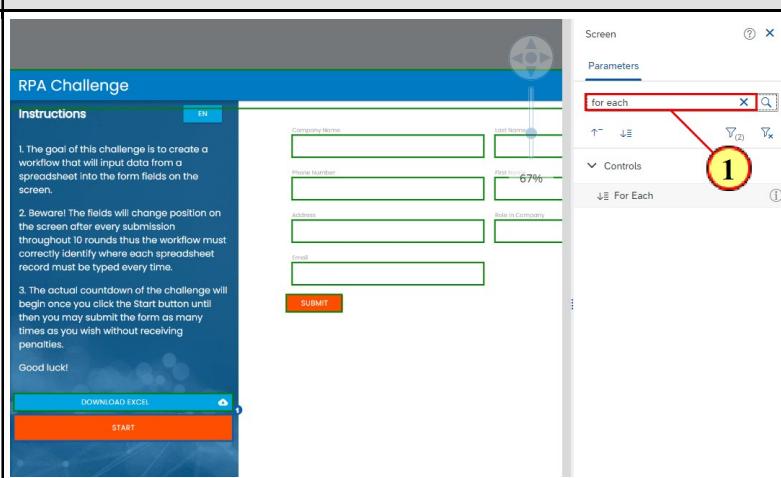
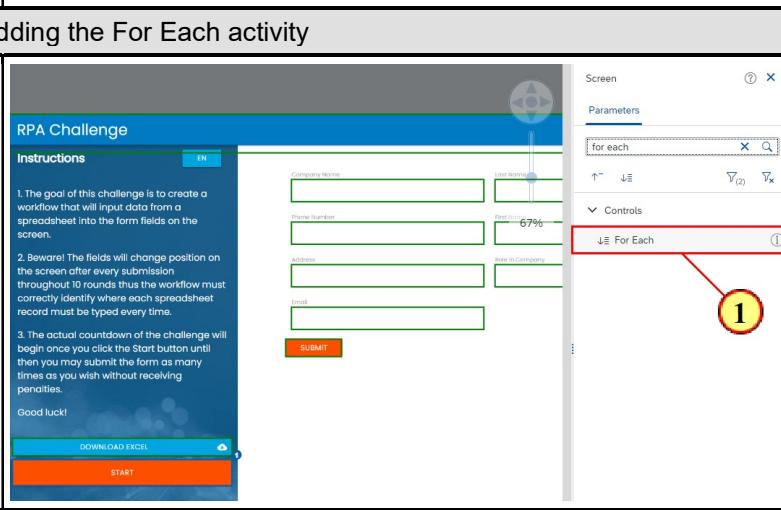
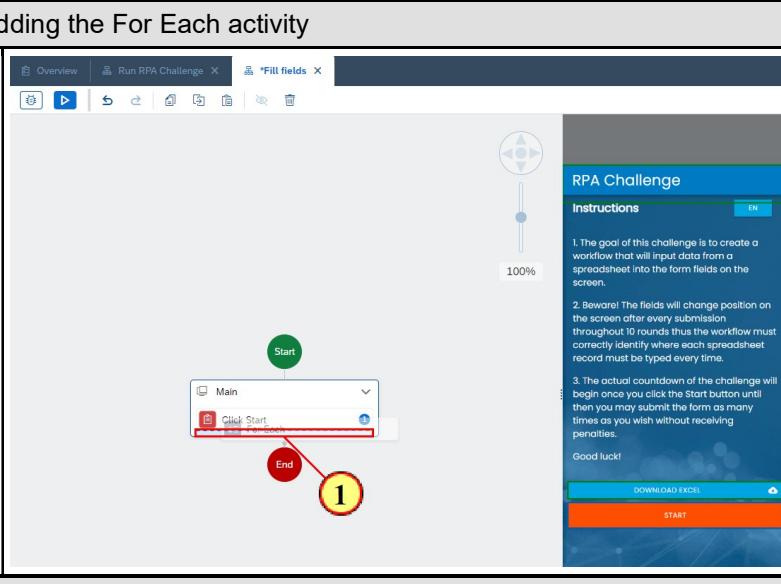
Explanation	Screenshot
(1) Clear the Data Type parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Search for Person Data Type	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Select Person	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click List  A list is used to pass multiple input values	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	

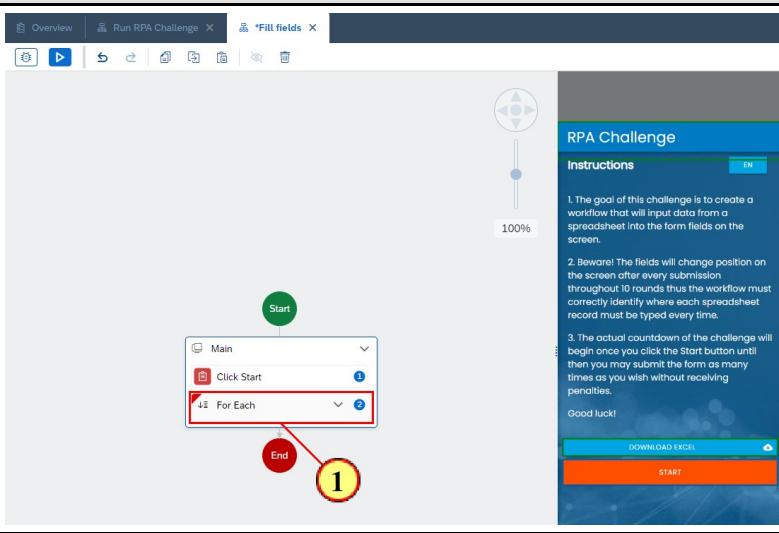
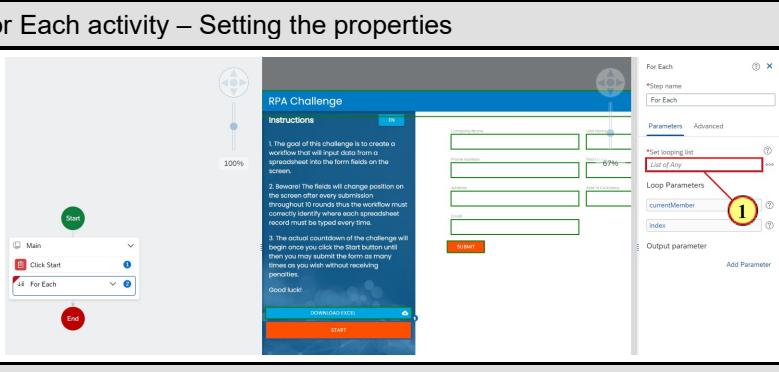
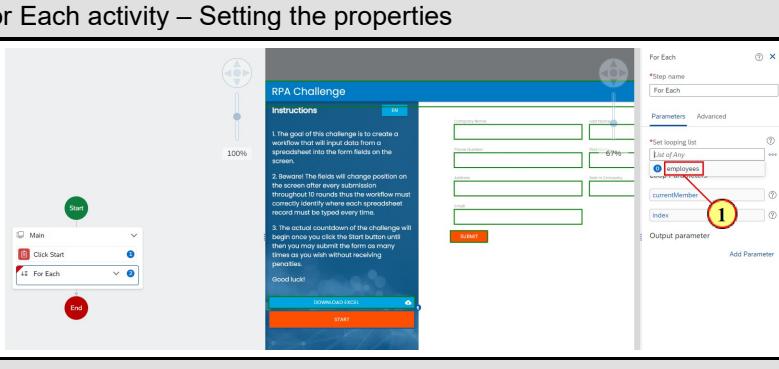
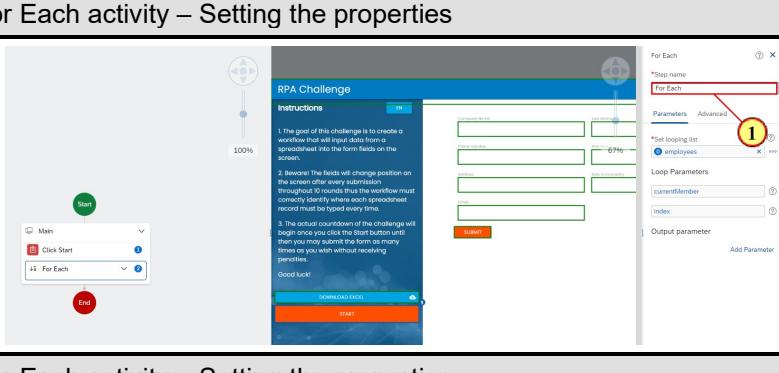
Explanation	Screenshot
(1) Click on the canvas	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) In Automation Information, expand the Screens list in the dropdown menu on the right-hand side panel	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) Drag the Main screen	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) Drop it into the workflow	
RPA Challenge – Cloud Studio – Main screen – Adding activities	

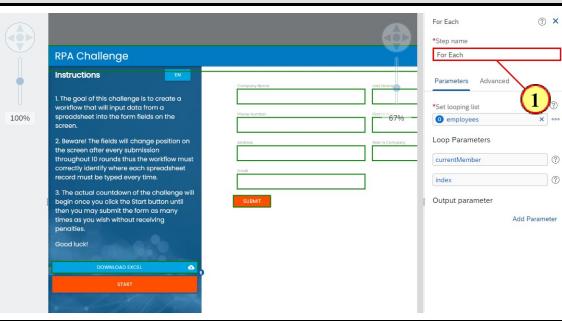
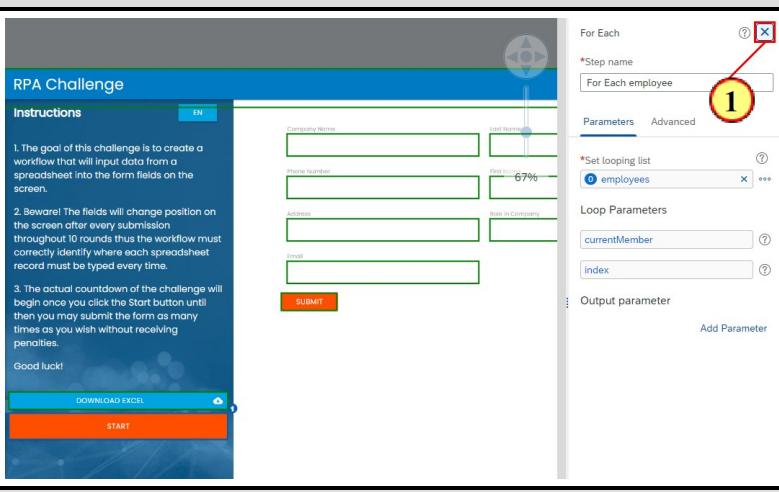
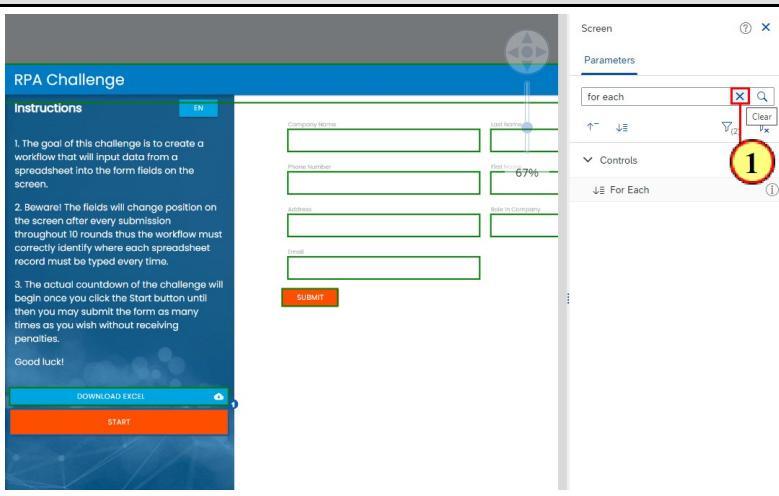
Explanation	Screenshot
(1) Select Main in the workflow and click the Define Screen Activities button on the Screen panel	 
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	
(1) Enter Click in the search bar of the Screen panel	
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	

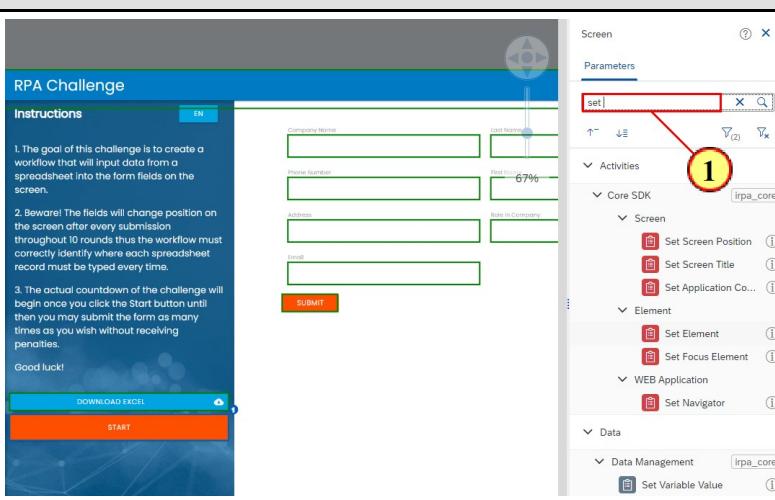
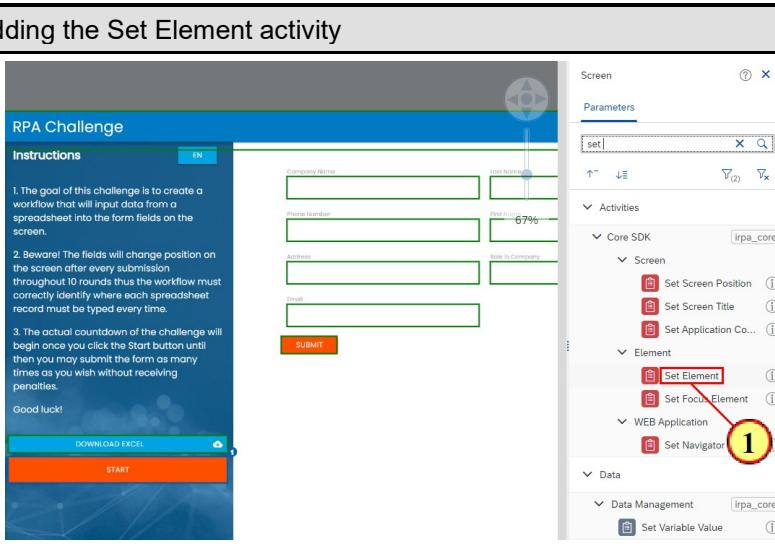
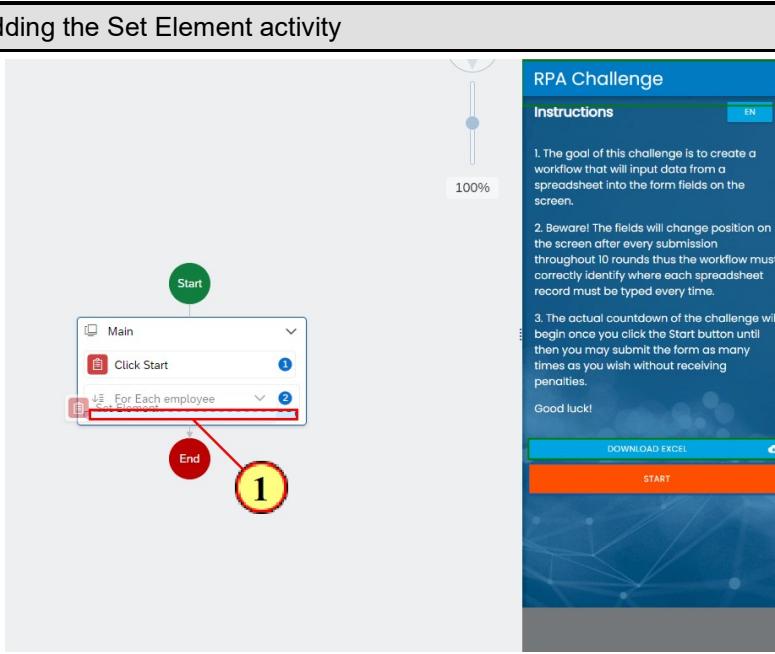
Explanation	Screenshot
(1) Drop it on the element Start button	 <p>The screenshot shows the RPA Challenge screen. On the left, there is a 'Start' button. A red circle highlights this button, and a yellow circle with the number '1' is placed over it. The right side of the screen displays a form with several input fields: 'Company Name', 'Phone Number', 'Address', and 'Email'. Below the form is a 'SUBMIT' button. The top right corner of the screen shows a 'Parameters' panel with a 'CLICK' entry.</p>
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Click on the activity to show the properties	 <p>The screenshot shows the RPA Challenge workflow. A red circle highlights the 'Click' activity in the workflow editor. A yellow circle with the number '1' is placed over this activity. To the right, the RPA Challenge screen is shown again, identical to the one in the previous screenshot.</p>

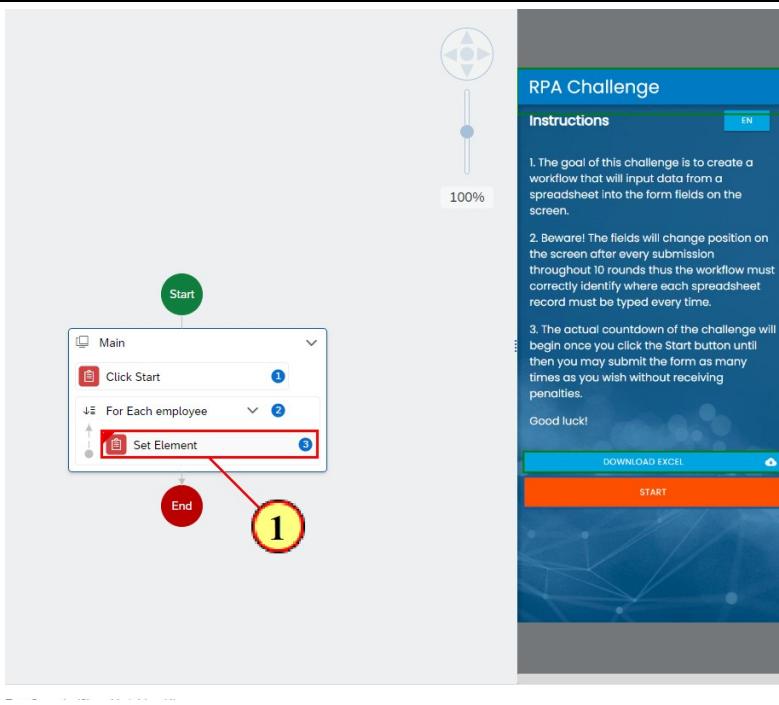
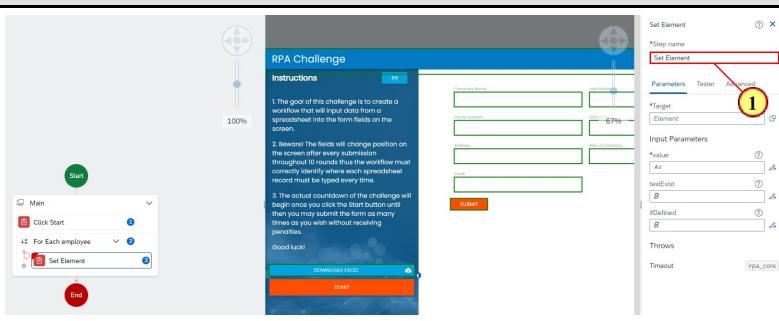
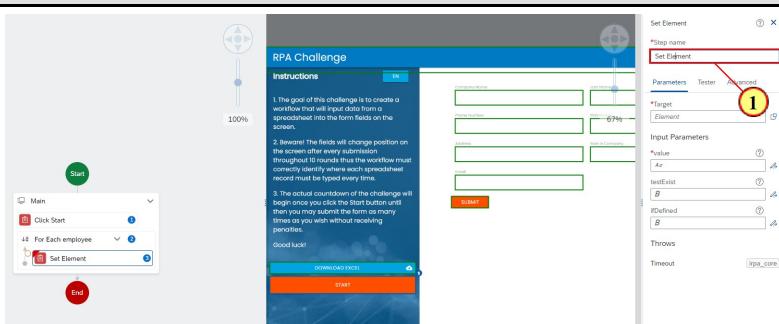
Explanation	Screenshot
<p>(1) Set the Step name parameter to Click Start</p>	<p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL START</p> <p>Step properties for 'Click' activity:</p> <ul style="list-style-type: none"> *Step name: Click (circled in yellow) *Target: Rpa Ch... > Main > Start screen Input Parameters: <ul style="list-style-type: none"> bMouse: B X: # Y: # Throws: irpa_core Timeout: irpa_core
RPA Challenge – Cloud Studio – Adding the For Each activity	
<p>(1) Close step properties</p>	<p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL START</p> <p>Step properties for 'Click' activity (closed):</p> <ul style="list-style-type: none"> *Step name: Click Start (circled in yellow) *Target: Rpa Ch... > Main > Start Input Parameters: <ul style="list-style-type: none"> bMouse: B X: # Y: # Throws: irpa_core Timeout: irpa_core
RPA Challenge – Cloud Studio – Adding the For Each activity	
<p>(1) Clear the search field</p>	<p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL START</p> <p>Screen properties for 'CLICK' activity:</p> <ul style="list-style-type: none"> CLICK (circled in yellow) Activities: <ul style="list-style-type: none"> Core SDK Element: <ul style="list-style-type: none"> Click Mouse Click (Elem...) Double Click (Elem...) Right Click (Elem...)
RPA Challenge – Cloud Studio – Adding the For Each activity	

Explanation	Screenshot
(1) Search for For Each	
(1) Drag the Activity	
(1) Drop it into the workflow inside the Main screen below the Click Start activity	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	

Explanation	Screenshot
(1) Click on the activity to show the properties	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	
(1) Select the variable employees	
(1) Click on the Step name parameter	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	

Explanation	Screenshot
(1) Add employee to the Step name	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Close step properties	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Set Element activity	

Explanation	Screenshot
(1) Search for the Set Element activity	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Drag the Activity	

Explanation	Screenshot
RPA Challenge – Cloud Studio – Set Element activity – Setting the properties	
(1) Click on the activity to set the properties	 <p>The screenshot shows a workflow titled 'Main'. It starts with a 'Click Start' step, followed by a 'For Each employee' loop. Inside the loop is a 'Set Element' activity, which is highlighted with a red circle labeled '1'. The loop ends with an 'End' node.</p>
RPA Challenge – Cloud Studio – Set Element activity – Setting the properties	
(1) Click on the Step name parameter	 <p>The screenshot shows the properties dialog for the 'Set Element' activity. The 'Step name' parameter is highlighted with a red circle labeled '1'.</p>
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	
(1) Set it as Set Company Name	 <p>The screenshot shows the properties dialog for the 'Set Element' activity. The 'Step name' parameter has been changed to 'Set Company Name', which is highlighted with a red circle labeled '1'.</p>
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	

Explanation	Screenshot
(1) Click on Target parameter	

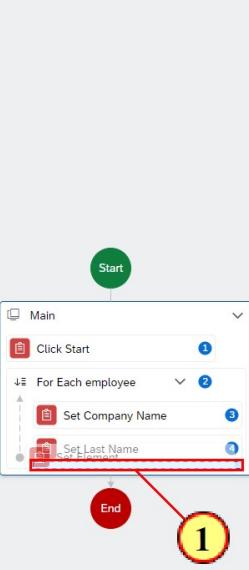
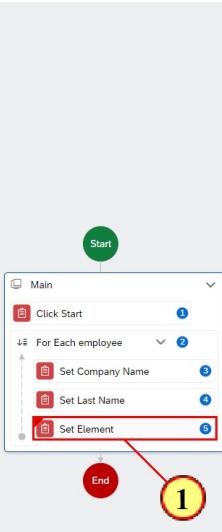
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties

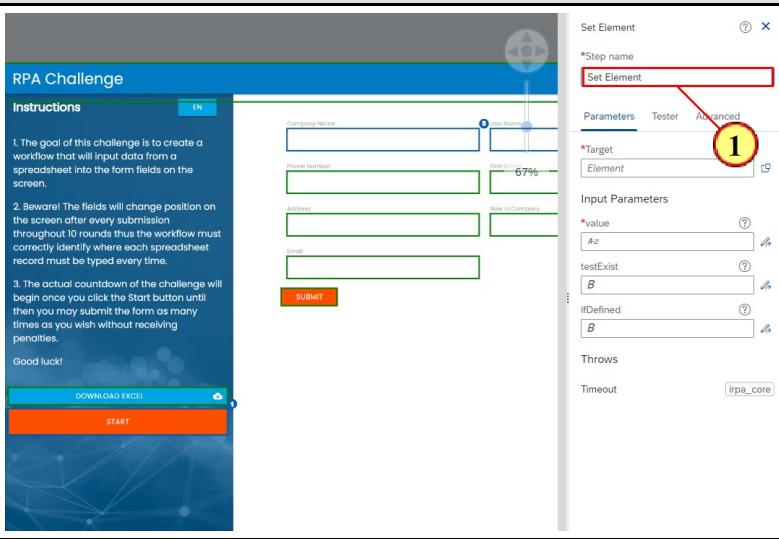
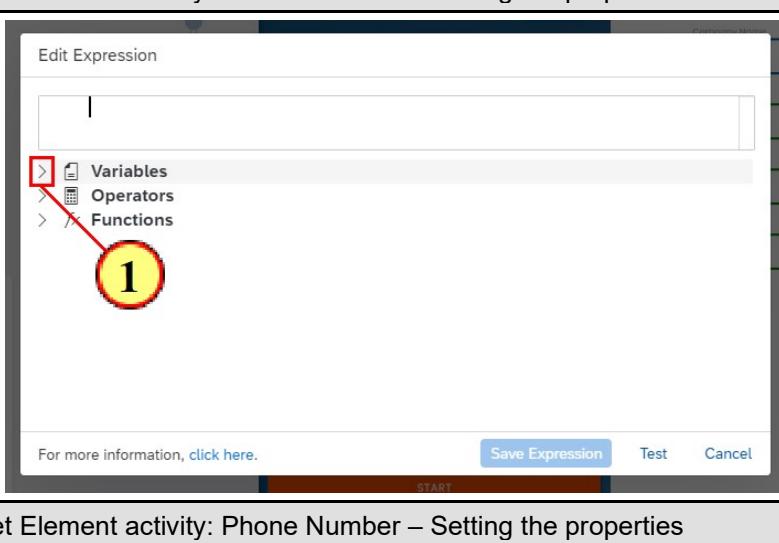
Explanation	Screenshot
(1) Select Rpa Challenge.Main.CompanyName	

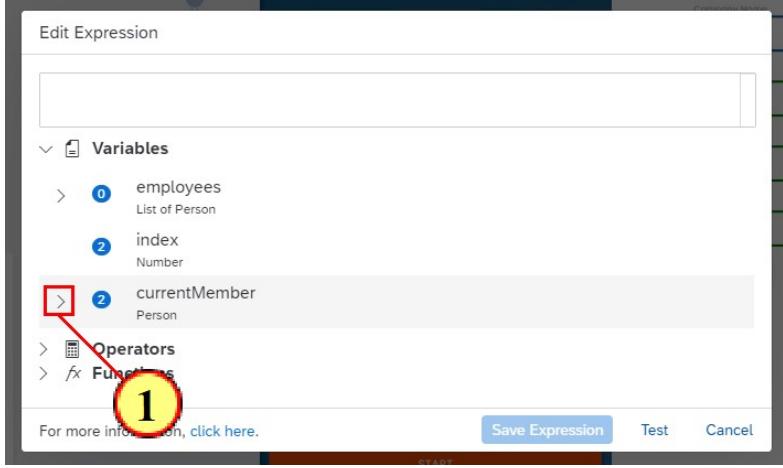
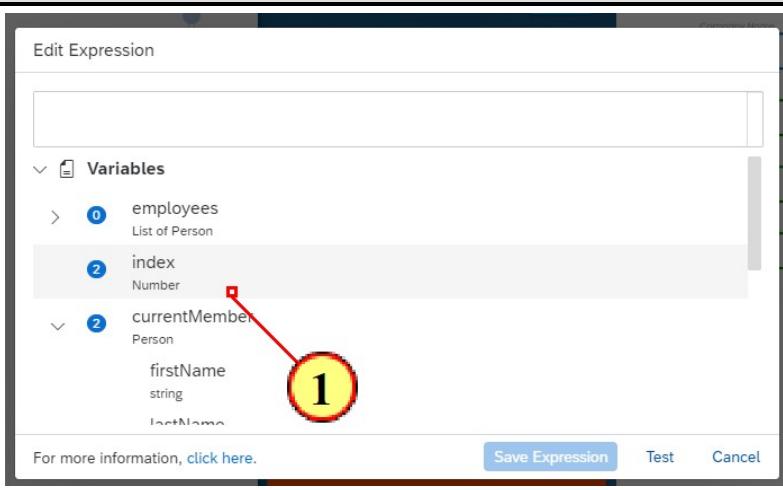
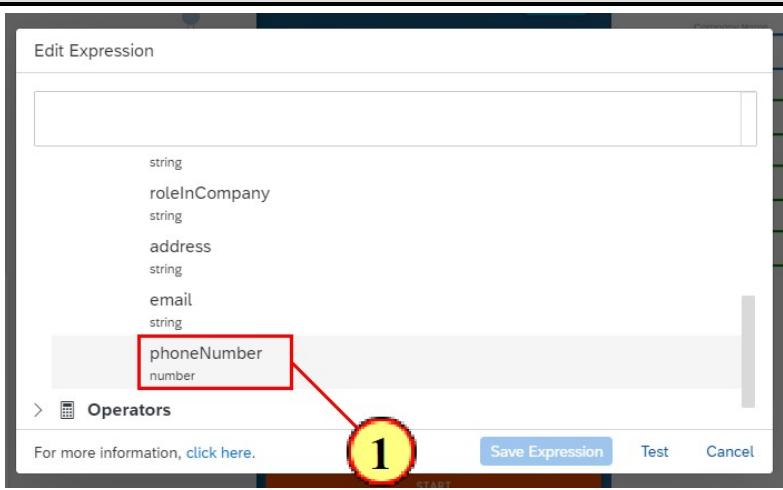
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties

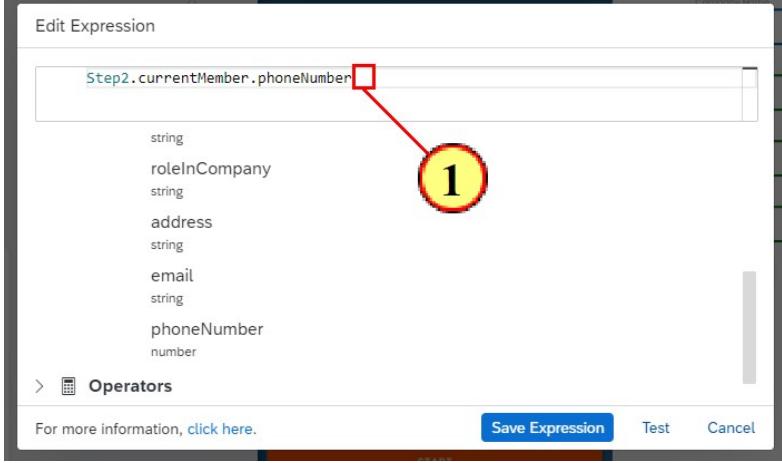
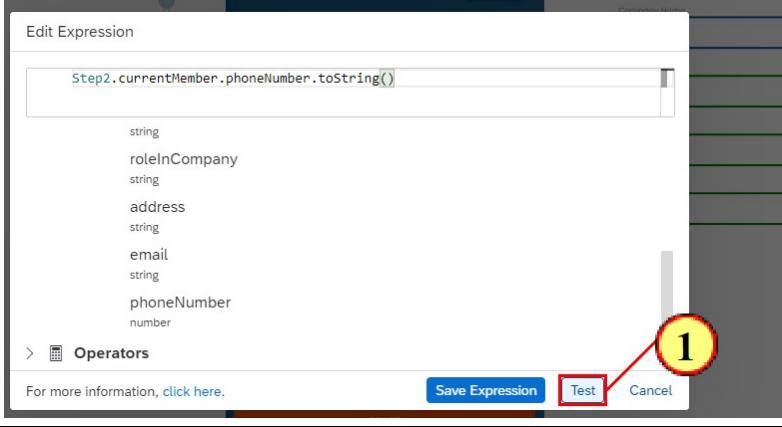
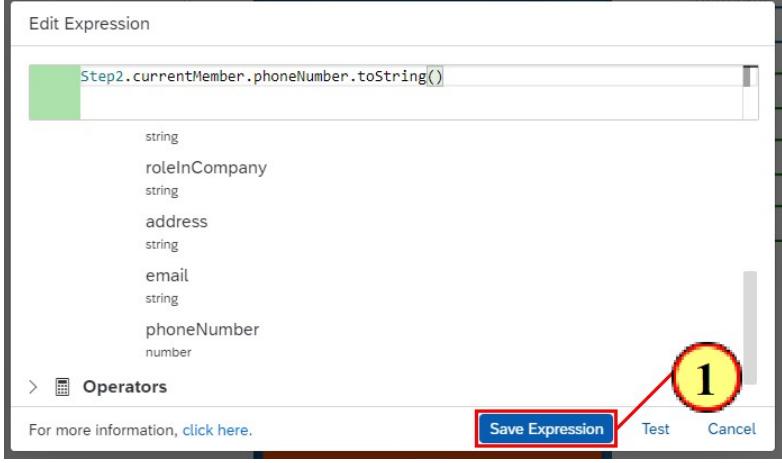
Explanation	Screenshot
(1) Click on Value and type Company	

Explanation	Screenshot
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	
(1) Select <code>currentMember.companyName</code>	
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Close Step properties	
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Drag another Set Element activity	
RPA Challenge – Cloud Studio – Adding set Element activity	

Explanation	Screenshot
(1) Drop it into the workflow below the last activity	 <p>RPA Challenge</p> <p>Instructions EN</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL</p> <p>START</p>
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Click on the activity to set the properties	 <p>RPA Challenge</p> <p>Instructions EN</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL</p> <p>START</p>

Explanation	Screenshot
<p>(1) Set the Step name parameter to Set Phone Number</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on the Expression Editor icon of the value parameter</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Expand the Variables</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

Explanation	Screenshot
(1) Expand the currentMember node	 <p>Edit Expression</p> <p>Variables</p> <ul style="list-style-type: none">employeesindexcurrentMember <p>Operators</p> <p>Functions</p> <p>For more information, click here.</p> <p>Save Expression Test Cancel</p>
(1) Scroll down to find the Phone Number variable	 <p>Edit Expression</p> <p>Variables</p> <ul style="list-style-type: none">employeesindexcurrentMember firstName lastName phoneNumber <p>For more information, click here.</p> <p>Save Expression Test Cancel</p>
(1) Select phoneNumber	 <p>Edit Expression</p> <p>Variables</p> <ul style="list-style-type: none">stringroleInCompanyaddressemailphoneNumber <p>Operators</p> <p>For more information, click here.</p> <p>Save Expression Test Cancel</p>
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

Explanation	Screenshot
<p>(1) Add .toString() function to the expression to convert a number to a string</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on Test to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on Save Expression</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

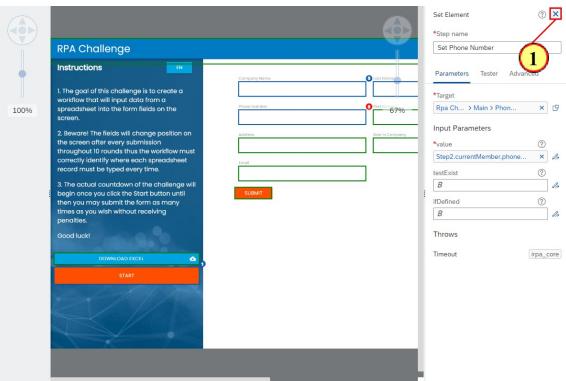
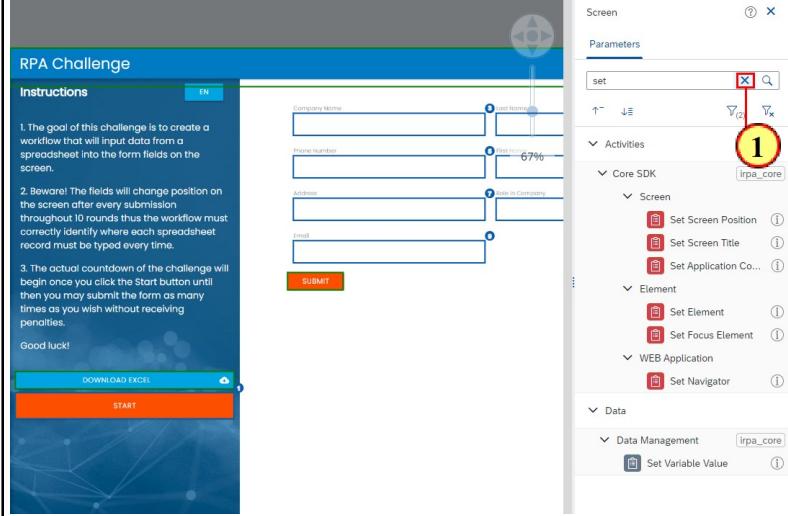
Explanation	Screenshot
<p>(1) Click on the Target parameter</p>	<p>The screenshot shows the RPA Challenge interface. On the left, there is an 'Instructions' section with text and a 'START' button. On the right, there is a form with fields for Company Name, Phone Number, Address, and Email. A progress bar indicates 67% completion. The 'Set Element' activity properties are shown on the right, with the 'Target' parameter highlighted.</p>

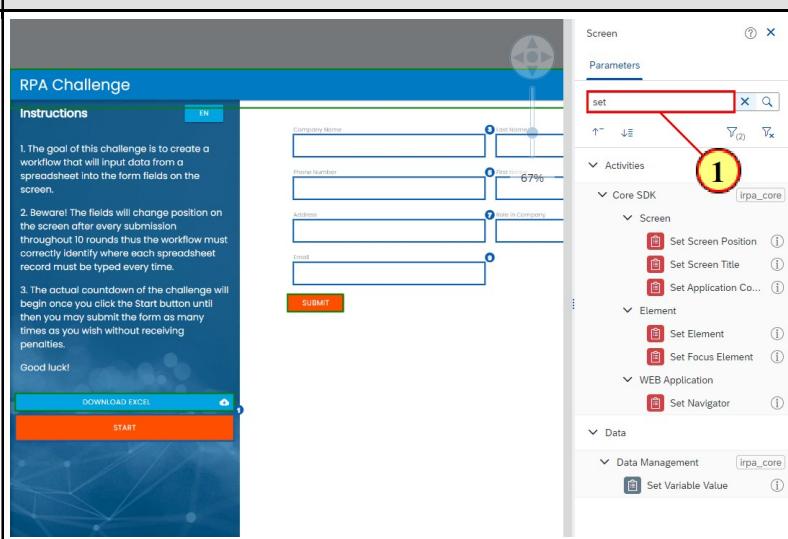
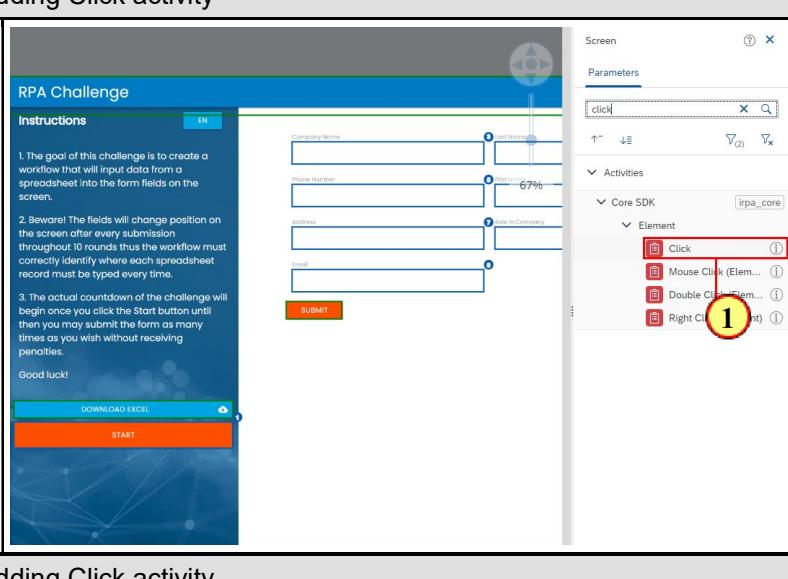
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties

<p>(1) Select Rpa Challenge.Main.Phon...</p>	<p>The screenshot shows the RPA Challenge interface. The 'Set Element' activity properties are displayed on the right. The 'Target' dropdown menu is open, showing a list of best matches related to the current context. The option 'Rpa Challenge.Main.Phon...' is selected and highlighted.</p>
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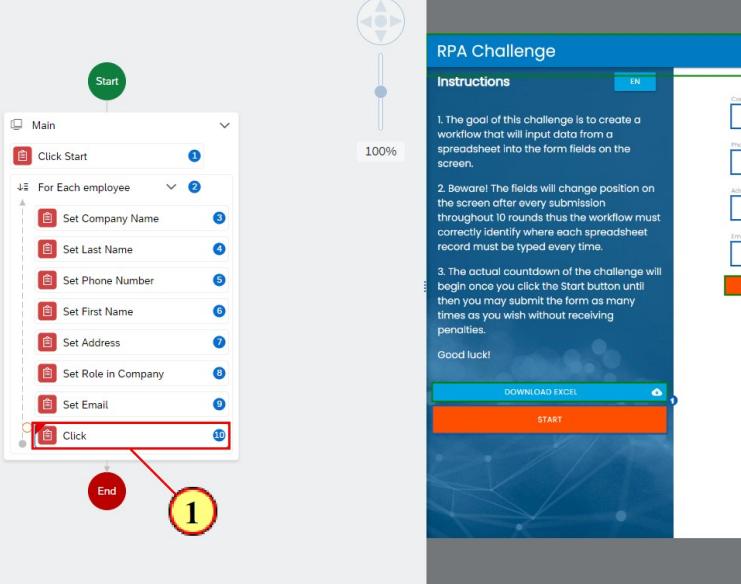
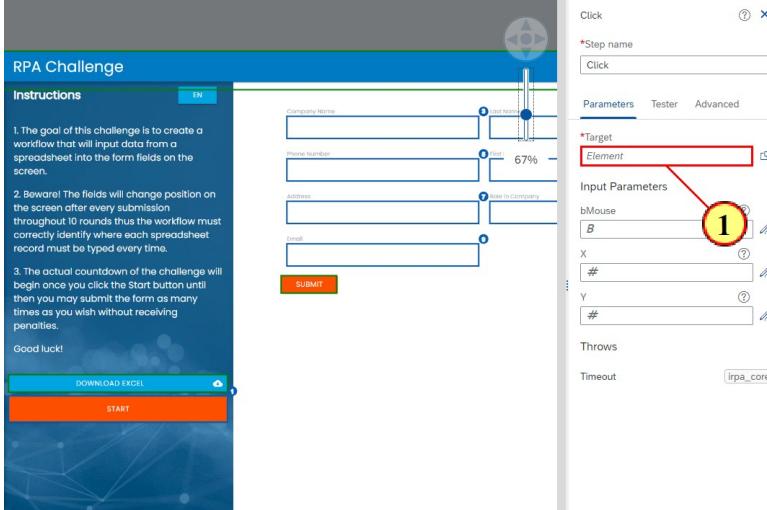
Fill the fields - Recap

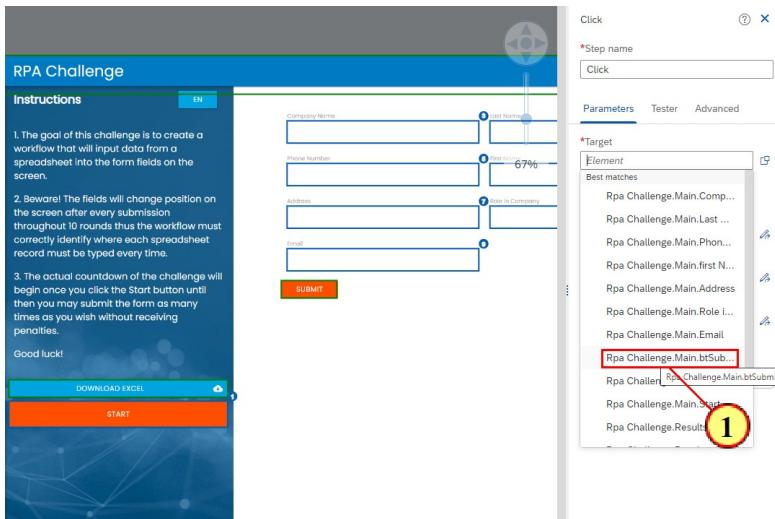
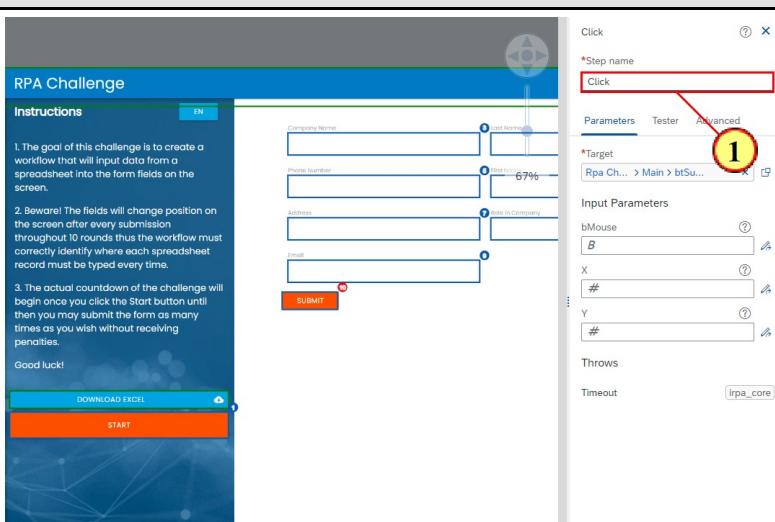
<p> Please find a table that recaps the steps you need to follow to fill the fields of your automation.</p> <p> The steps to follow to fill the Company Name field have been fully detailed in the tutorial for your convenience. The steps to fill the Phone Number field have been also given as this field has numbers and a String needs to be added.</p>	<table border="1" data-bbox="574 1619 1352 1754"> <thead> <tr> <th>Select Set Element activity:</th> <th>Set Step name:</th> <th>Click on Target and select :</th> <th>Click on value and type :</th> <th>Select:</th> <th>Close Step properties</th> </tr> </thead> <tbody> <tr> <td>Company Name*</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Company Name</td> <td>RpaChallenge.Main.CompanyName</td> <td>company</td> <td>currentMember.companyName</td> <td>Close Step properties</td> </tr> <tr> <td>First Name</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set First Name</td> <td>RpaChallenge.Main.FirstName</td> <td>firstName</td> <td>currentMember.firstName</td> <td>Close Step properties</td> </tr> <tr> <td>Last Name</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Last Name</td> <td>RpaChallenge.Main.LastName</td> <td>lastName</td> <td>currentMember.lastName</td> <td>Close Step properties</td> </tr> <tr> <td>Role in Company</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Role in Company</td> <td>RpaChallenge.Main.RoleInCompany</td> <td>role</td> <td>currentMember.roleInCompany</td> <td>Close Step properties</td> </tr> <tr> <td>Address</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Address</td> <td>RpaChallenge.Main.Address</td> <td>address</td> <td>currentMember.address</td> <td>Close Step properties</td> </tr> <tr> <td>Phone Number*</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Phone Number</td> <td>RpaChallenge.Main.PhoneNumber</td> <td></td> <td>*Follow the steps in the tutorial</td> <td>Close Step properties</td> </tr> <tr> <td>Email</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Email</td> <td>RpaChallenge.Main.Email</td> <td>email</td> <td>currentMember.email</td> <td>Close Step properties</td> </tr> </tbody> </table>	Select Set Element activity:	Set Step name:	Click on Target and select :	Click on value and type :	Select:	Close Step properties	Company Name*	Drag and drop it into the workflow	Click on the activity and set Company Name	RpaChallenge.Main.CompanyName	company	currentMember.companyName	Close Step properties	First Name	Drag and drop it into the workflow	Click on the activity and set First Name	RpaChallenge.Main.FirstName	firstName	currentMember.firstName	Close Step properties	Last Name	Drag and drop it into the workflow	Click on the activity and set Last Name	RpaChallenge.Main.LastName	lastName	currentMember.lastName	Close Step properties	Role in Company	Drag and drop it into the workflow	Click on the activity and set Role in Company	RpaChallenge.Main.RoleInCompany	role	currentMember.roleInCompany	Close Step properties	Address	Drag and drop it into the workflow	Click on the activity and set Address	RpaChallenge.Main.Address	address	currentMember.address	Close Step properties	Phone Number*	Drag and drop it into the workflow	Click on the activity and set Phone Number	RpaChallenge.Main.PhoneNumber		*Follow the steps in the tutorial	Close Step properties	Email	Drag and drop it into the workflow	Click on the activity and set Email	RpaChallenge.Main.Email	email	currentMember.email	Close Step properties
Select Set Element activity:	Set Step name:	Click on Target and select :	Click on value and type :	Select:	Close Step properties																																																			
Company Name*	Drag and drop it into the workflow	Click on the activity and set Company Name	RpaChallenge.Main.CompanyName	company	currentMember.companyName	Close Step properties																																																		
First Name	Drag and drop it into the workflow	Click on the activity and set First Name	RpaChallenge.Main.FirstName	firstName	currentMember.firstName	Close Step properties																																																		
Last Name	Drag and drop it into the workflow	Click on the activity and set Last Name	RpaChallenge.Main.LastName	lastName	currentMember.lastName	Close Step properties																																																		
Role in Company	Drag and drop it into the workflow	Click on the activity and set Role in Company	RpaChallenge.Main.RoleInCompany	role	currentMember.roleInCompany	Close Step properties																																																		
Address	Drag and drop it into the workflow	Click on the activity and set Address	RpaChallenge.Main.Address	address	currentMember.address	Close Step properties																																																		
Phone Number*	Drag and drop it into the workflow	Click on the activity and set Phone Number	RpaChallenge.Main.PhoneNumber		*Follow the steps in the tutorial	Close Step properties																																																		
Email	Drag and drop it into the workflow	Click on the activity and set Email	RpaChallenge.Main.Email	email	currentMember.email	Close Step properties																																																		

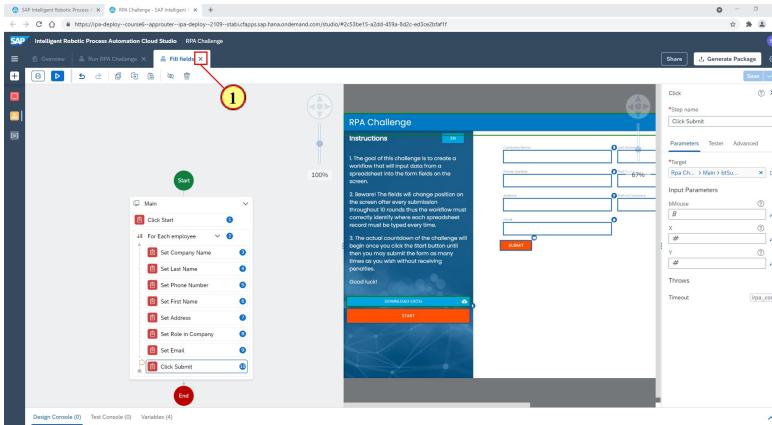
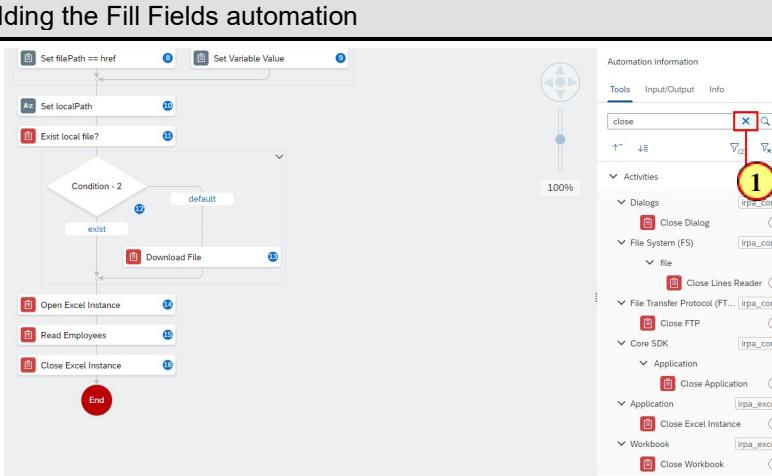
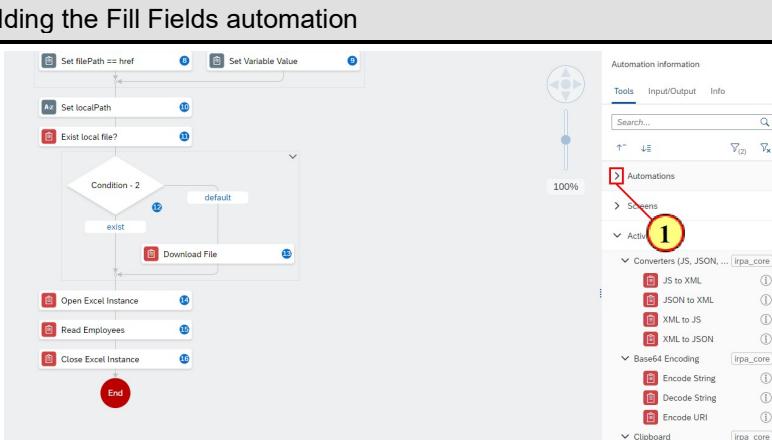
Explanation	Screenshot
 Kindly follow the directions in this table to proceed completing the five other fields.	
RPA Challenge – Cloud Studio – Adding Click activity	
<p>(1) Close the step properties</p>  Once you are done filling the fields of the Fill Fields Automation, we can pursue and add a Click activity to our RPA Challenge Automation	
RPA Challenge – Cloud Studio – Adding Click activity	
<p>(1) Clear the search field</p>	
	

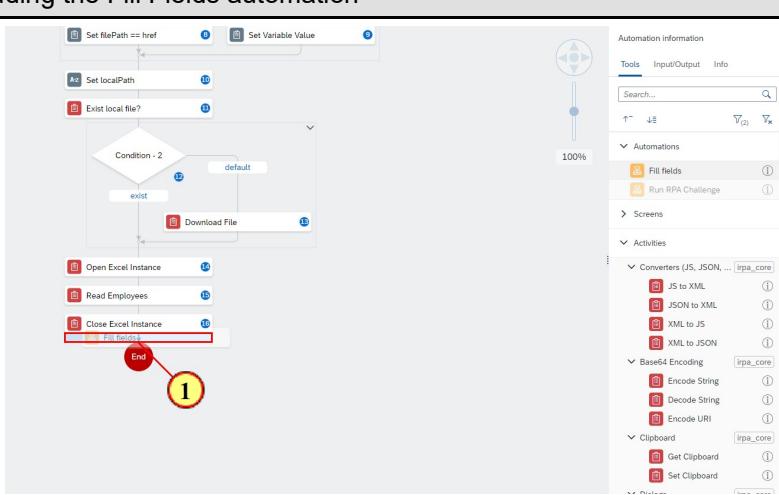
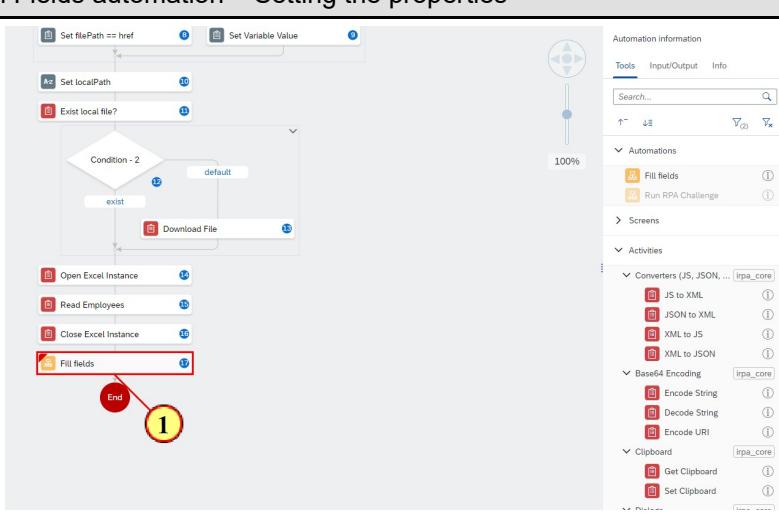
Explanation	Screenshot
(1) Search for the Click activity	 <p>The screenshot shows the RPA Challenge Cloud Studio interface. On the left, there is a form titled 'RPA Challenge' with fields for Company Name, Phone Number, Address, and Email, along with a 'SUBMIT' button. On the right, the 'Activities' panel is open under the 'Core SDK' section. The search bar at the top has 'set' typed into it. A yellow circle with the number '1' highlights the 'Click' activity in the list, which is the second item under the 'Element' section.</p>
RPA Challenge – Cloud Studio – Adding Click activity	
(1) Drag the Activity	 <p>The screenshot shows the same RPA Challenge Cloud Studio interface. Now, the search bar at the top has 'click' typed into it. A yellow circle with the number '1' highlights the 'Click' activity again, which is now the first item under the 'Element' section.</p>
RPA Challenge – Cloud Studio – Adding Click activity	

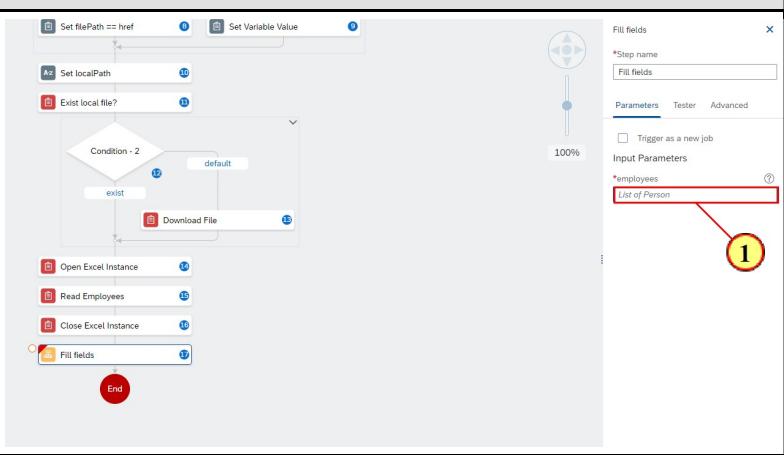
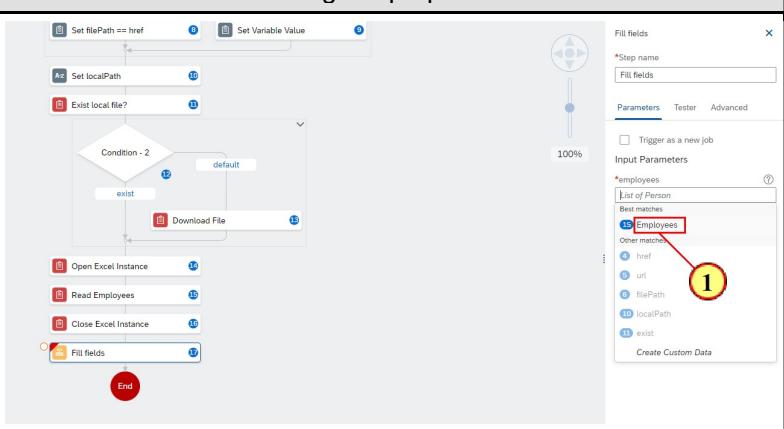
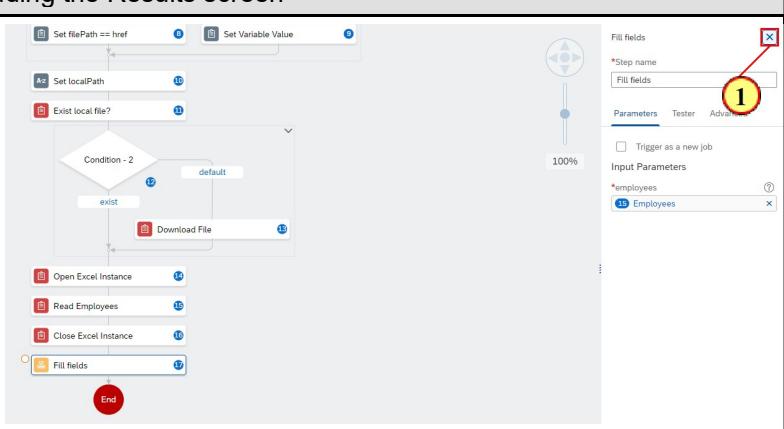
Explanation	Screenshot
(1) Drop it into the workflow below the last activity	
RPA Challenge – Cloud Studio – Adding Click activity	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

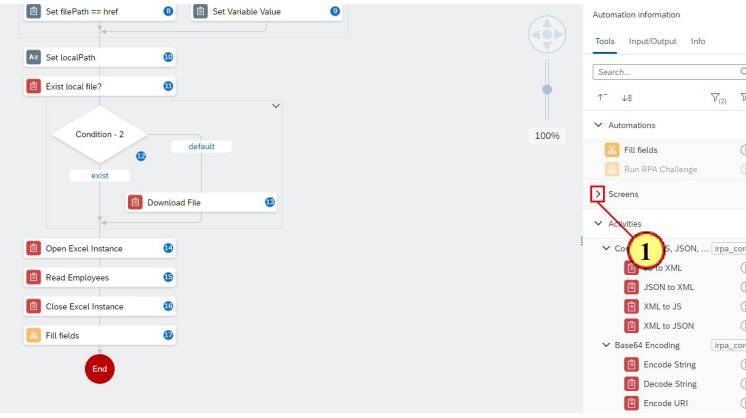
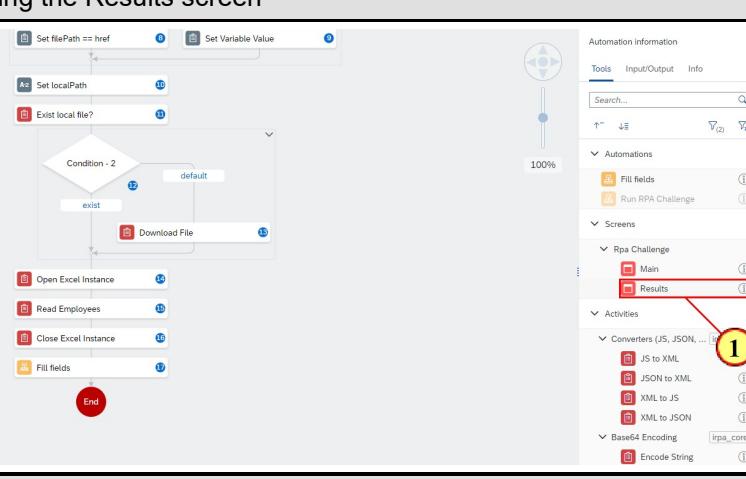
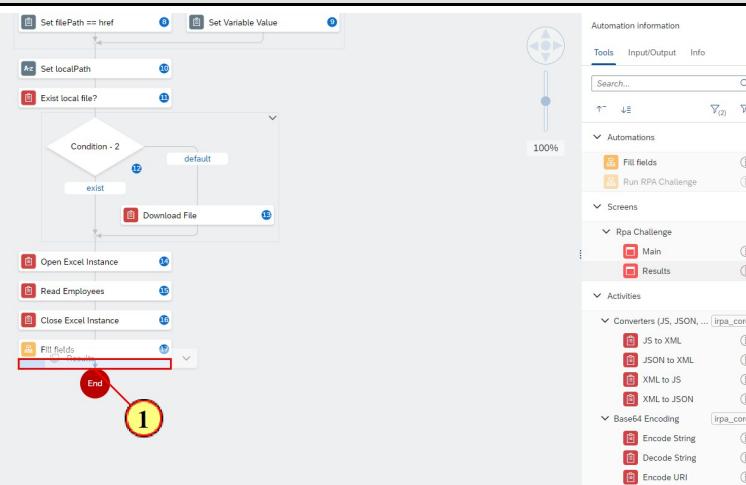
Explanation	Screenshot
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Click on the Target parameter	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

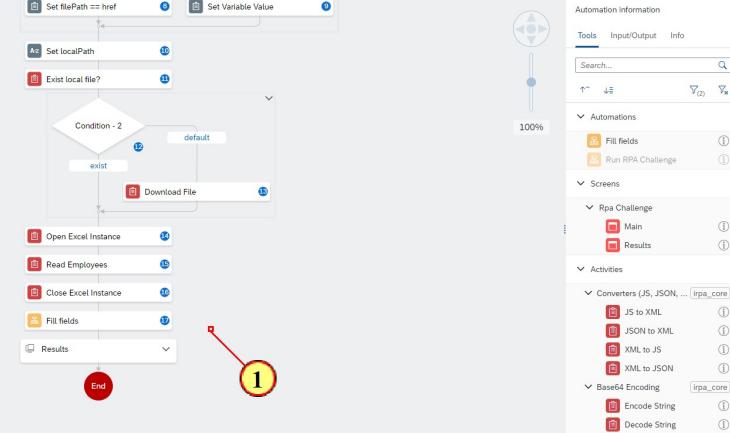
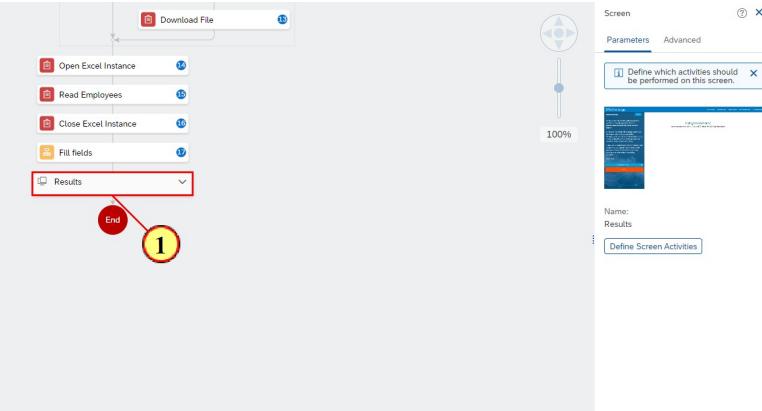
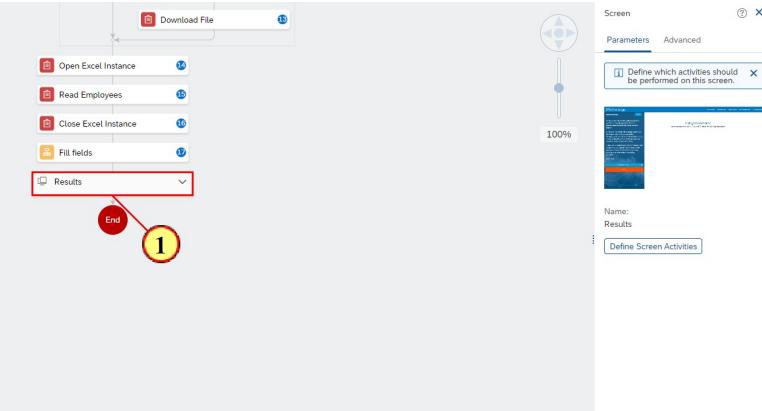
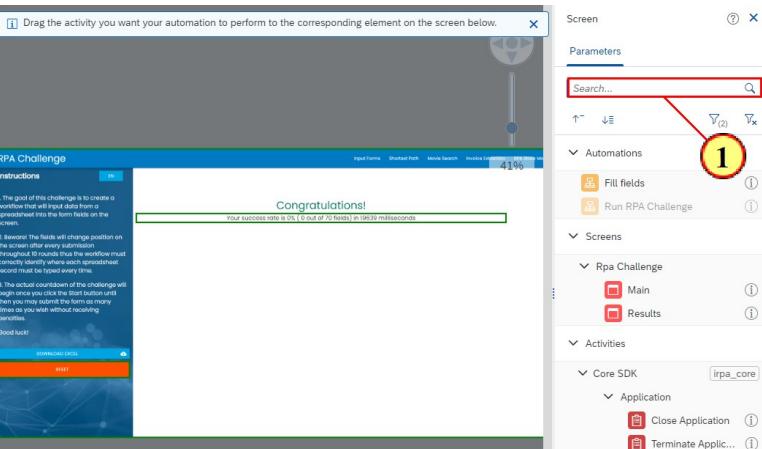
Explanation	Screenshot
(1) Select Rpa Challenge.Main.btSub...	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Set the Step name parameter to Click Submit	
RPA Challenge – Cloud Studio – Saving the Fill Fields automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	

Explanation	Screenshot
(1) Close the Automation tab	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	

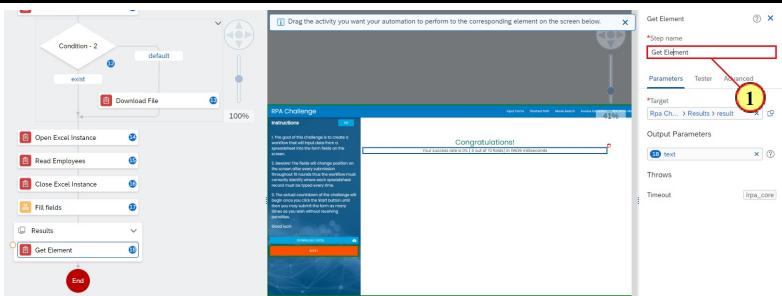
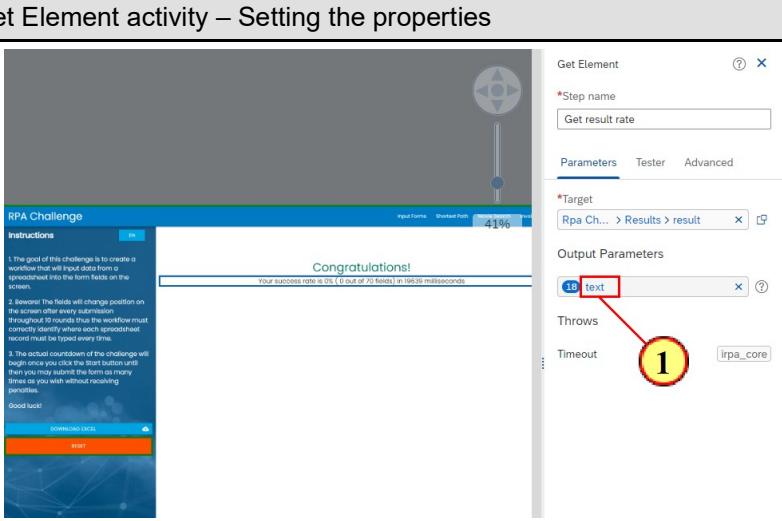
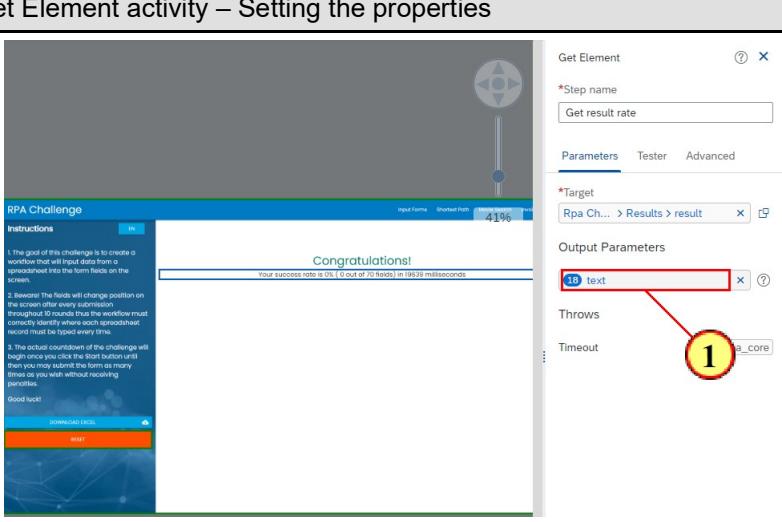
Explanation	Screenshot
<p>(1) Drag the Fill fields automation</p>  <p>This is a best practice to organize your automations by functional area to facilitate reusability</p>	 <p>The screenshot shows the RPA Challenge Cloud Studio interface. On the right, the 'Automations' section is open, displaying a list of available activities. The 'Fill fields' activity is highlighted with a red box and circled with a yellow circle containing the number '1'. Other activities listed include 'Run RPA Challenge', 'Screens', and various converters and encodings.</p>
<p>RPA Challenge – Cloud Studio – Adding the Fill Fields automation</p> <p>(1) Drop it into the workflow, just after the Close Excel Instance</p>	 <p>The screenshot shows the RPA Challenge Cloud Studio workflow editor. A condition node labeled 'Condition - 2' has two outgoing paths: 'exist' and 'default'. The 'exist' path leads to a 'Download File' activity, which then connects to an 'Open Excel Instance' activity, followed by a 'Read Employees' activity, and finally a 'Close Excel Instance' activity. After the 'Close Excel Instance' activity, there is a small gap before the 'Fill fields' activity, which is highlighted with a red box and circled with a yellow circle containing the number '1'.</p>
<p>RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties</p> <p>(1) Click on the Activity to set the properties</p>	 <p>The screenshot shows the RPA Challenge Cloud Studio workflow editor with the 'Fill fields' activity selected. The activity is highlighted with a red box and circled with a yellow circle containing the number '1'. The 'Automation Information' panel on the right shows the details for the selected 'Fill fields' activity, including its name, description, and category.</p>
<p>RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties</p>	

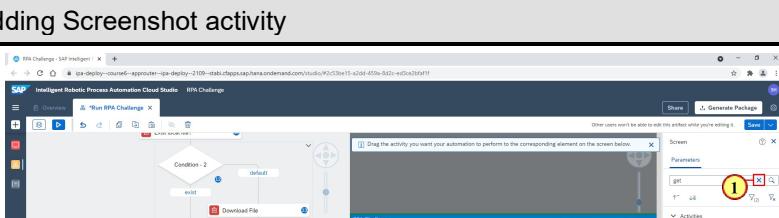
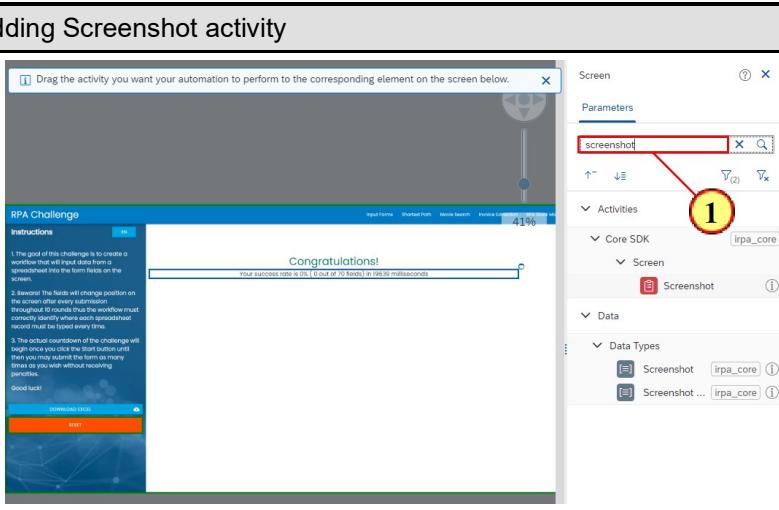
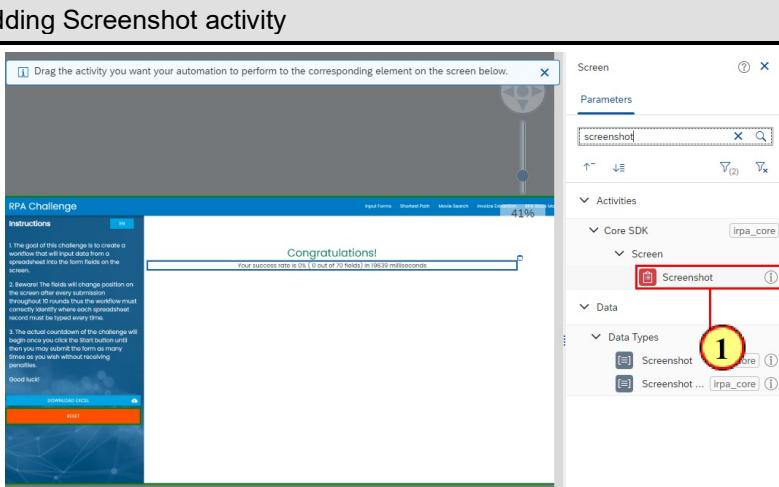
Explanation	Screenshot
(1) Click on the employees parameter	
RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties	
(1) Select the variable Employees	
RPA Challenge – Cloud Studio – Adding the Results screen	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Results screen	

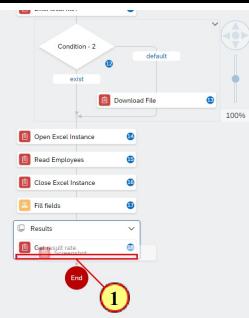
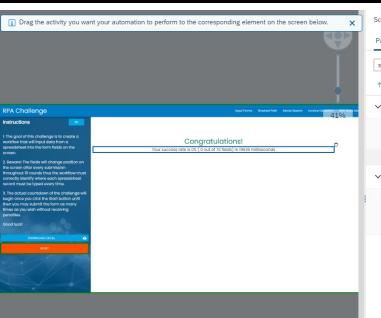
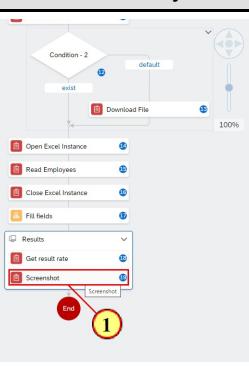
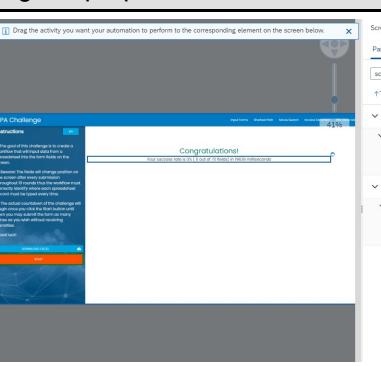
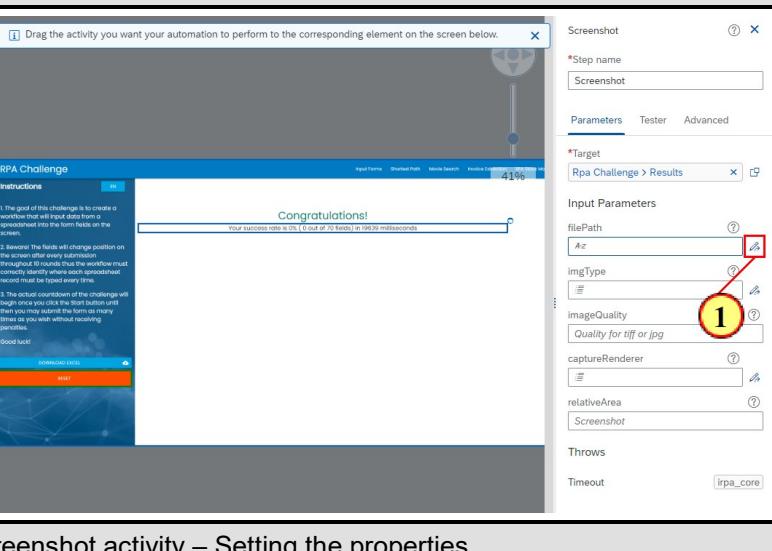
Explanation	Screenshot
(1) Expand the Screens node	
(1) Drag the Results screen	
(1) Drop it into the workflow just after the Fill fields automation	
RPA Challenge – Cloud Studio – Adding the Results screen	

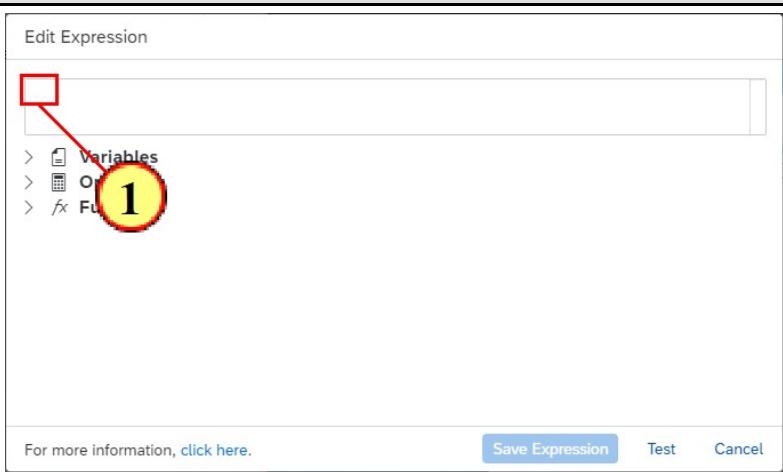
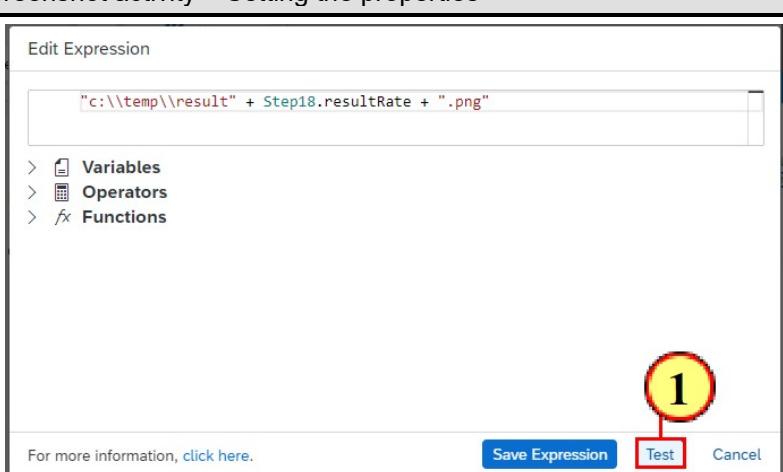
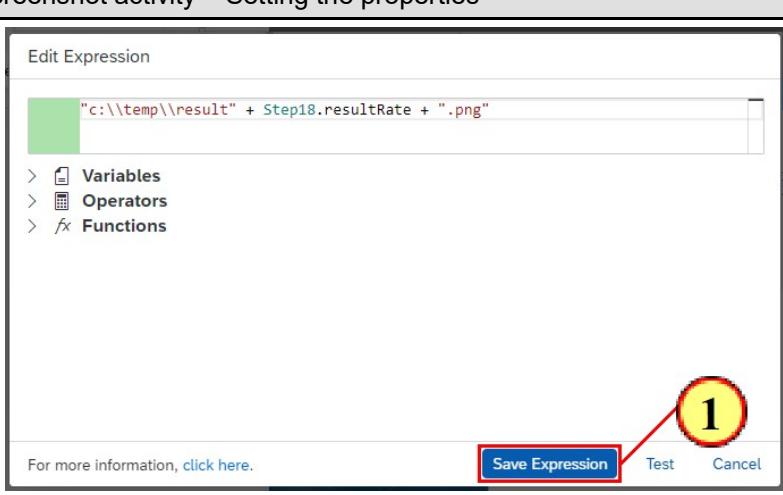
Explanation	Screenshot
(1) Scroll down if needed	
RPA Challenge – Cloud Studio – Results screen – Adding activities	
(1) Double-click to Define Screen Activities	
RPA Challenge – Cloud Studio – Adding Get Element activity	

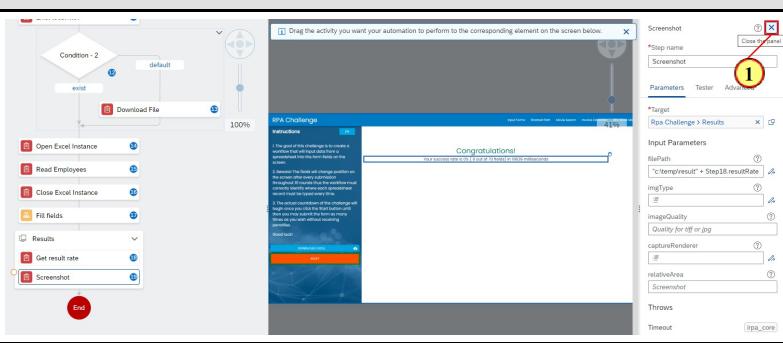
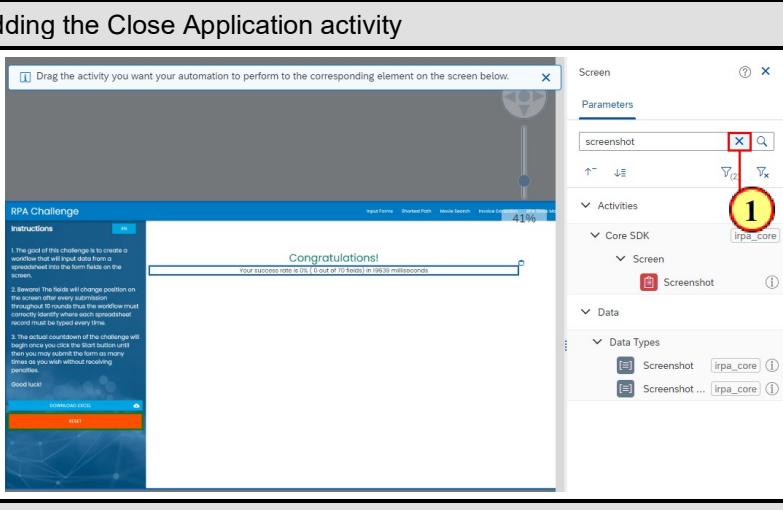
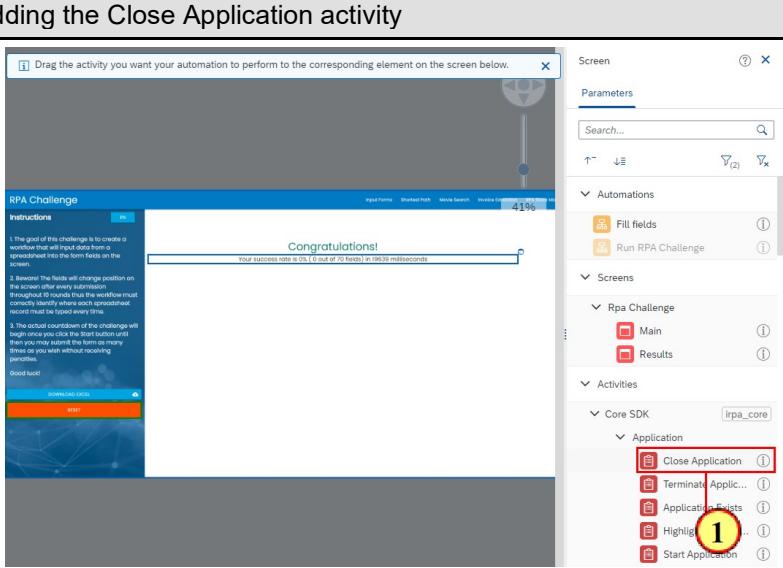
Explanation	Screenshot
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding Get Element activity	
(1) Click on the activity in the workflow to set the properties	
RPA Challenge – Cloud Studio – Get Element activity – Setting the properties	

Explanation	Screenshot
<p>(1) Set the Step name to Get result rate</p>	
<p>(1) Click on text in Output Parameters</p>	
<p>(1) Rename it to resultRate</p>	
<p>RPA Challenge – Cloud Studio – Adding Screenshot activity</p>	

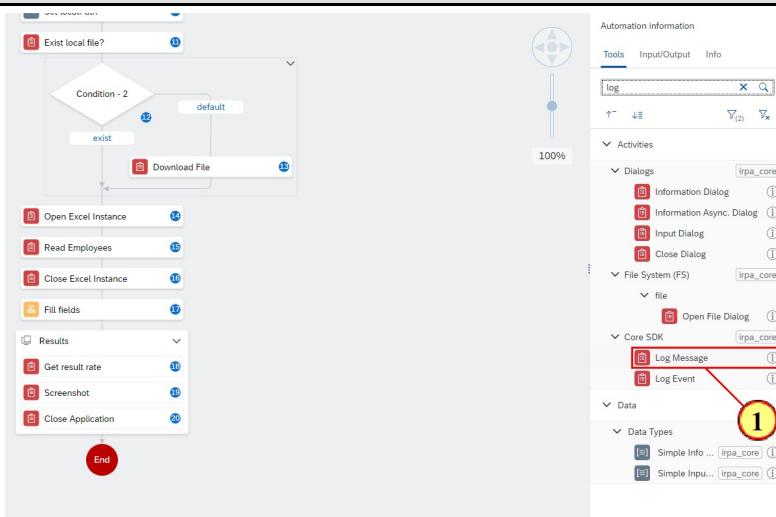
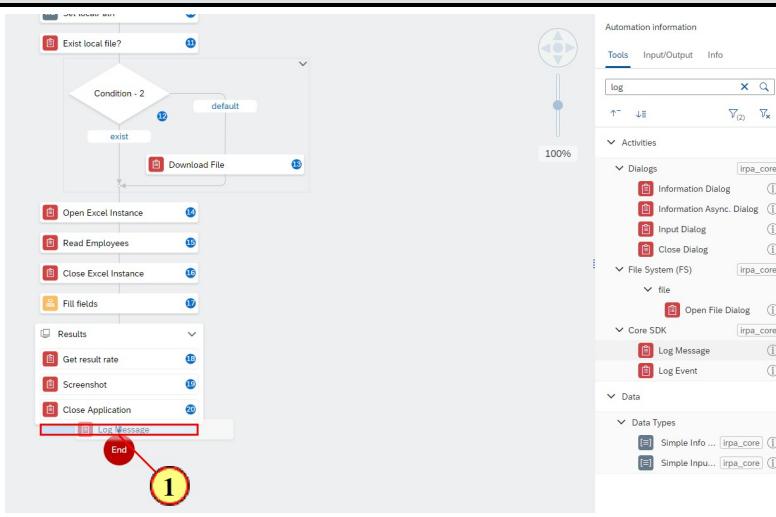
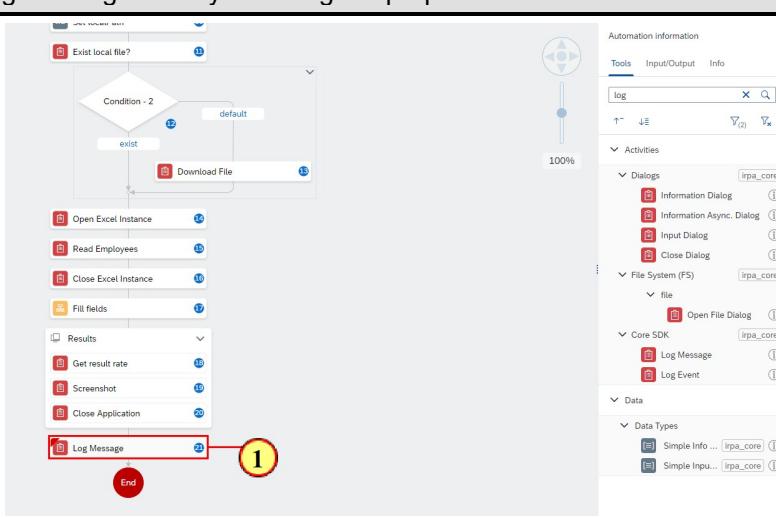
Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding Screenshot activity	
(1) Search for the Screenshot activity	
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding Screenshot activity	

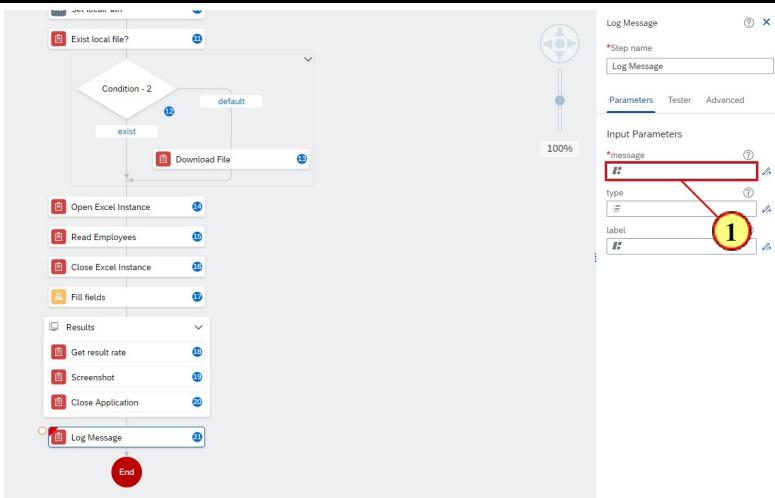
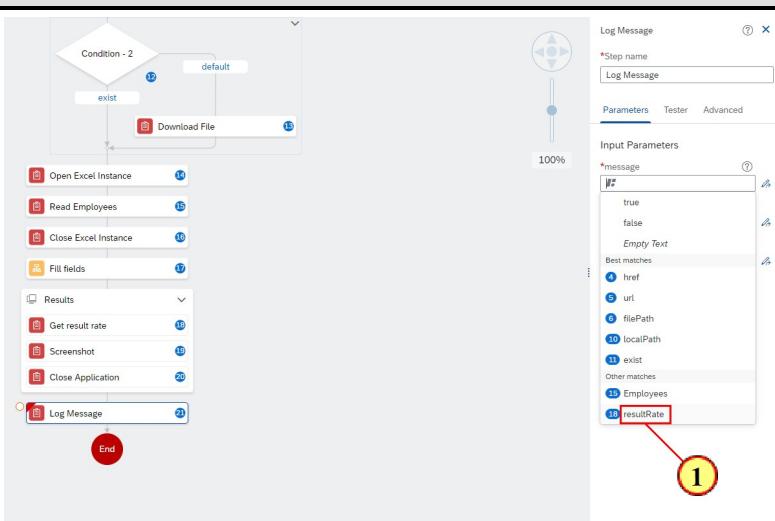
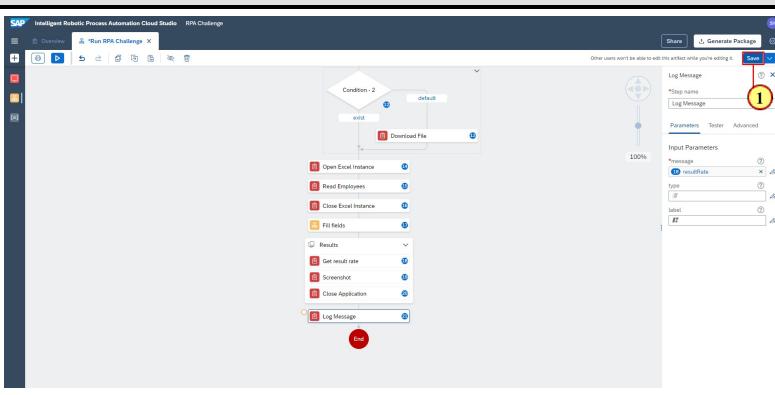
Explanation	Screenshot
<p>(1) Drop it into the workflow inside the Results screen after Get result rate activity</p> 	
<p>RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties</p>	
<p>(1) Click on the activity to set the properties</p> 	
<p>RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties</p>	
<p>(1) Click on the Expression Editor icon of the filePath parameter</p> 	
<p>RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties</p>	

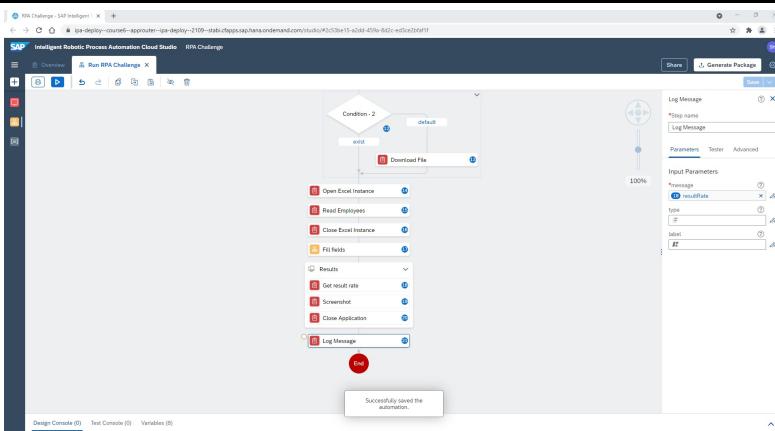
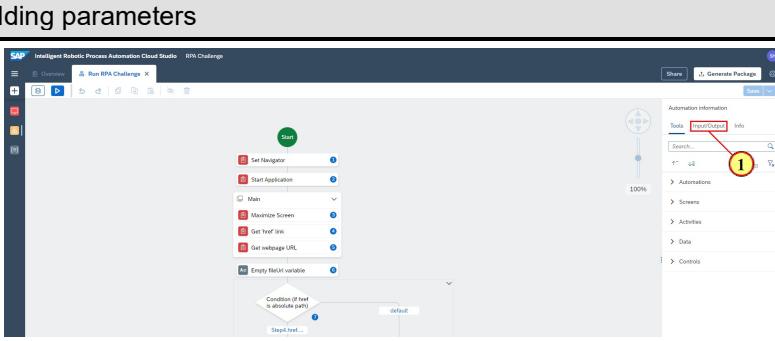
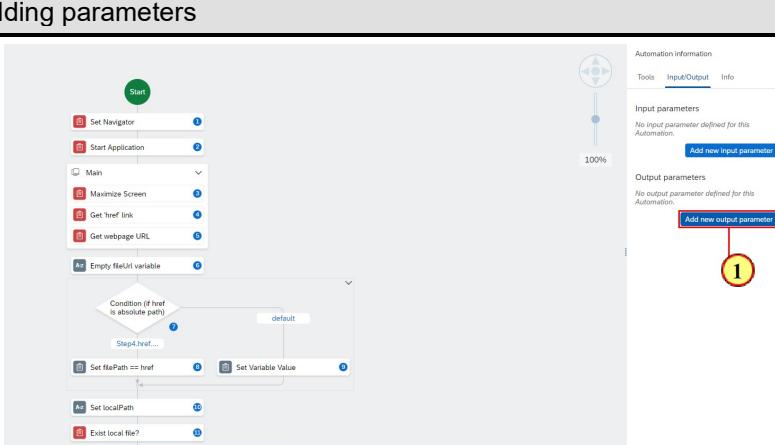
Explanation	Screenshot
<p>(1) Set the following expression:</p> <pre data-bbox="144 482 462 550">'c:\\temp\\\\result" + Step18.resultRate + ".png"</pre>	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	
<p>(1) Click on Test to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	
<p>(1) Click on Save Expression</p>	
RPA Challenge – Cloud Studio – Adding the Close Application activity	

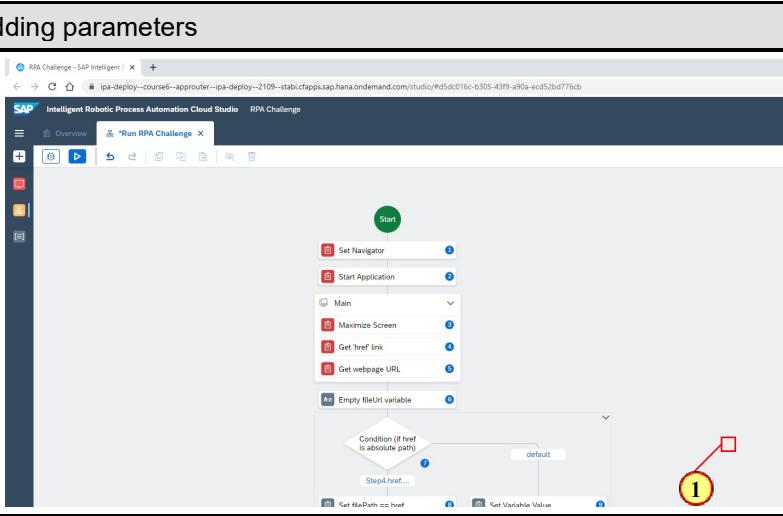
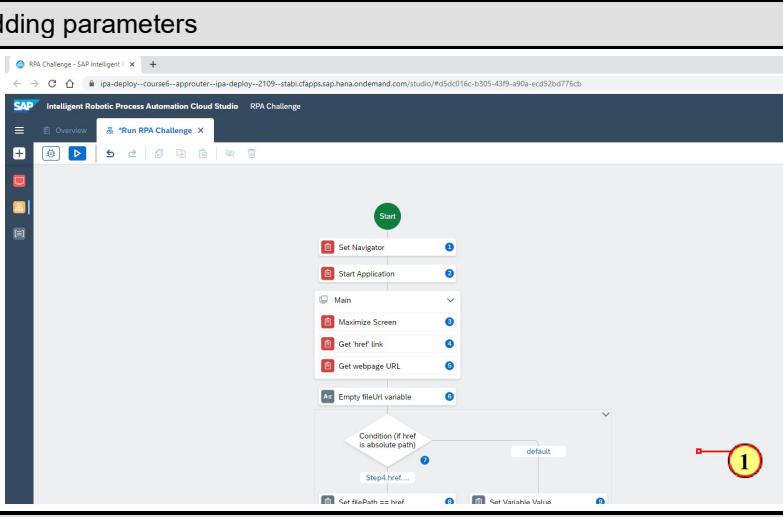
Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Close Application activity	
(1) Drag the Close Application activity	
RPA Challenge – Cloud Studio – Adding the Close Application activity	

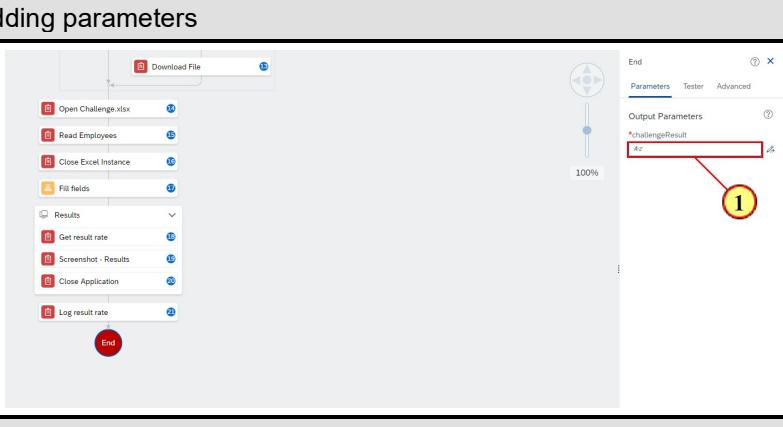
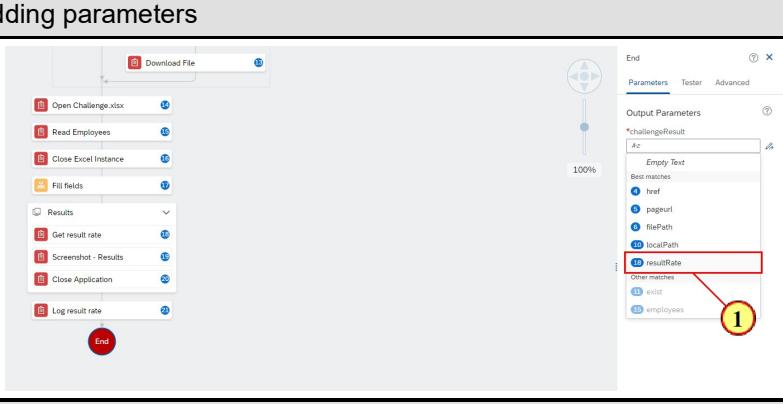
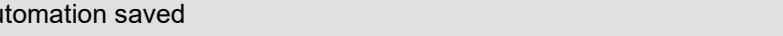
Explanation	Screenshot
(1) Drop it into the workflow inside the Results screen after the Screenshot activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Close the Screen panel	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Search for the Log Message activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	

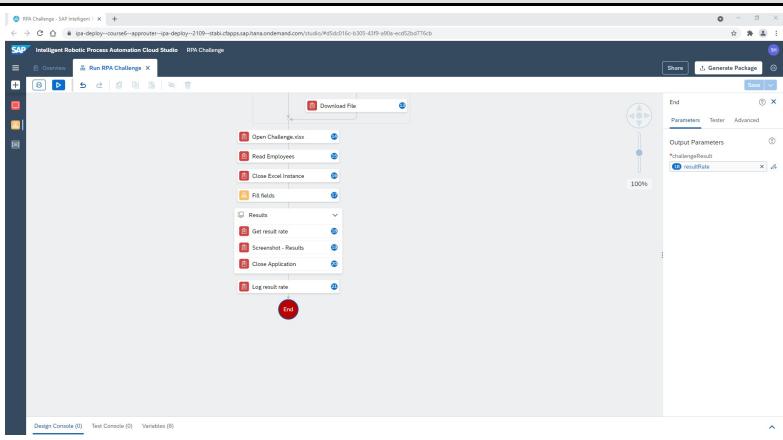
Explanation	Screenshot
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Drop it into the workflow after the Results screen	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	

Explanation	Screenshot
(1) Click on the message parameter	 <pre> graph TD Start((Start)) --> Cond{Condition - 2} Cond -- exist --> Download[Download File] Cond -- default --> End((End)) Download --> Log[Log Message] Log --> End </pre>
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	
(1) Select the variable resultRate	
RPA Challenge – Cloud Studio – Saving the automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Automation saved	

Explanation	Screenshot
 <p>The automation is now saved.</p>	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on Input/Output	
RPA Challenge – Cloud Studio – Adding parameters	

Explanation	Screenshot
(1) Set challengeResult as the parameter name	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on the canvas	
RPA Challenge – Cloud Studio – Adding parameters	

Explanation	Screenshot
(1) Click on the End node	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on the challengeResult parameter	
(1) Select the resultRate value from the list	
RPA Challenge – Cloud Studio – Saving the automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Automation saved	

Explanation	Screenshot
	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. A workflow named "Run RPA Challenge" is displayed. The workflow consists of the following steps:</p> <ul style="list-style-type: none">Download FileOpen Challanges.xlsxRead EmployeesClose Excel InstanceFill FieldsGet result rateScreenshot - ResultsClose ApplicationLog result rate <p>The "Fill Fields" step is highlighted with a yellow background. The "Output Parameters" section on the right shows two variables: "challangesResult" and "resultRate". The status bar at the bottom indicates "100%".</p>